JVC

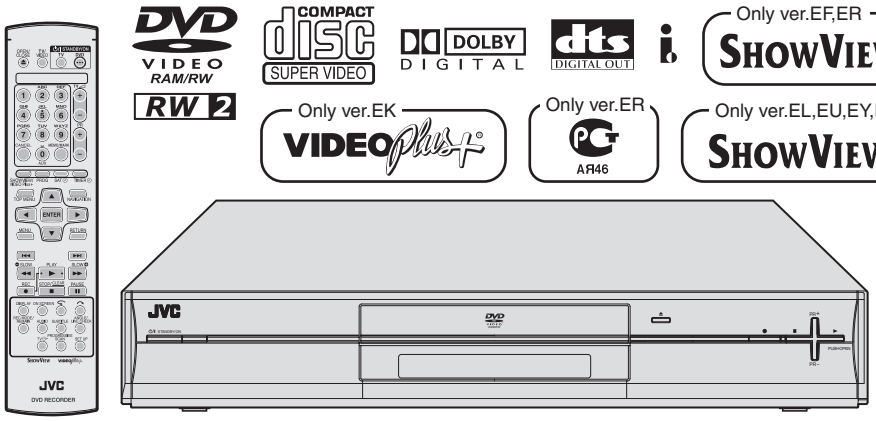
SERVICE MANUAL

DVD VIDEO RECORDER

DR-M100SEF, DR-M100SEK, DR-M100SEL, DR-M100SER, DR-M100SEU, DR-M100SEY, DR-M100SEZ

Area Suffix

EF --------- French Republic
EK ---------- U.K.
EL ---------- South Europe
ER ---- Russian Federation
EU -------- Western Europe
EY -------- Northern Europe
EZ --------- Eastern Europe



DR-M100SEU,DR-M100SEK,DR-M100SEL,DR-M100SEY
DR-M100SEZ,DR-M100SEF,DR-M100SER [D5R10]

Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

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No.YD059
2005/5

SPECIFICATION

			DR-M100SEK	DR-M100SEF	DR-M100SEL,DR-M100SER,DR-M100SEU,DR-M100SEY,DR-M100SEZ
GENERAL					
Power requirement			AC 220 V - 240 V~, 50 Hz/60 Hz		
Power consumption			Power on : 31 W Power off : 6.4 W		
Temperature			Operating : 5°C to 35°C Storage : -20°C to 60°C		
Operating position			Horizontal only		
Dimensions (W × H × D)			435 mm × 70 mm × 300 mm		
Weight			3.4 kg		
VIDEO/AUDIO					
Recordable disc			DVD-RAM 12 cm (4.7 GB/9.4 GB),DVD-RAM 8 cm (1.4 GB/2.8 GB),DVD-R 12 cm(4.7 GB),DVD-R 8 cm(1.4 GB),DVD-RW 12 cm(4.7 GB),DVD-RW 8 cm(1.4 GB)		
Recording format			DVD-RAM : DVD Video Recording format DVD-R : DVD-Video format DVD-RW : DVD-Video format, DVD Video Recording format		
Recording time			Maximum 8 hours (with 4.7 GB disc) (XP) : Approx. 1 hour,(SP) : Approx. 2 hours,(LP) : Approx. 4 hours,(EP) : Approx. 6 hours,(FR) : Approx. 1 hour - 8 hours		
Audio recording system			Dolby Digital (2 ch) Linear PCM (XP mode only)		
Video recording compression system			MPEG2 (CBR/VBR)		
Input/Output					
S-video input			Y:1.0 Vp-p, 75 ohms C : 0.3 Vp-p, 75 ohms		
Video input			1.0 Vp-p, 75 ohms (pin jack)		
Audio input			2Vrms (pin jack)		
Audio output			2Vrms (pin jack)		
21-pin SCART connectors			IN/OUT x 1, IN/DECODER x 1		
i.Link			4-pin for DV input		
Component video output			Y : 1.0 Vp-p, 75 ohms PB/PR: 0.7 Vp-p, 75 ohms Corresponding to copy protection		
Digital audio output			Coaxial Corresponding to Dolby Digital and DTS Digital Surround Bit stream Selectable in digital audio output setting menu		
TUNER/TIMER					
Tuning system			Frequency synthesized tuner		
TV channel storage capacity			-	99 positions (+position AUX)	-
Channel coverage (SECAM L)	Frequence	VHF	-	LOW: 49 MHz -65 MHz/ HIGH: 104 MHz -300 MHz	-
		Hyper		300MHz-470MHz	
		UHF		470 MHz -862 MHz	
	Canaux	VHF	-	LOW: 2-4 HIGH: 5-10 CATV	-
		Hyper		CATV	
		UHF		21-69	
Channel coverage (PAL B/G)	Frequence	VHF	47 MHz-143 MHz/ 143 MHz-470 MHz	LOW: 47 MHz -89 MHz/ HIGH: 104 MHz -300 MHz	
		Hyper	-	302 MHz -470 MHz	
		UHF	470 MHz -862 MHz		
	Canaux	VHF	-	LOW: E2-E4, X, Y, Z HIGH:E5-E12,S1-S20,M1-M10,U1-U10	-
		Hyper		S21-S41	
		UHF		E21-E69	
Clock reference			Quartz		
Program capacity			30 days programmable timer/8 programs		
Memory backup time			Approx. 10 min.		
ACCESSORIES					
Provided accessories			RF cable,21-pin SCART cable,Infrared remote control unit,"AA" battery x 2		

Specifications shown are for SP mode unless otherwise specified. E. & O.E. Design and specifications subject to change without notice.

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- "DTS " and "DTS DIGITAL OUT " are trademarks of Digital Theater Systems, Inc.
- VIDEO Plus+ and PlusCode are registered trademarks of Gemstar Development Corporation. The VIDEO Plus+ system is manufactured under license from Gemstar Development Corporation.
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SECTION 1
PRECAUTION

1.1 Safety Precautions

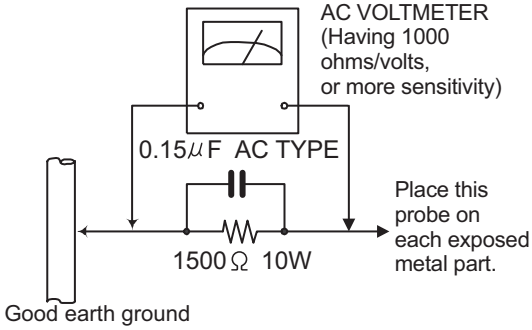
(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.
- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
Measure the AC voltage across the resistor with the AC voltmeter.
Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Preventing static electricity

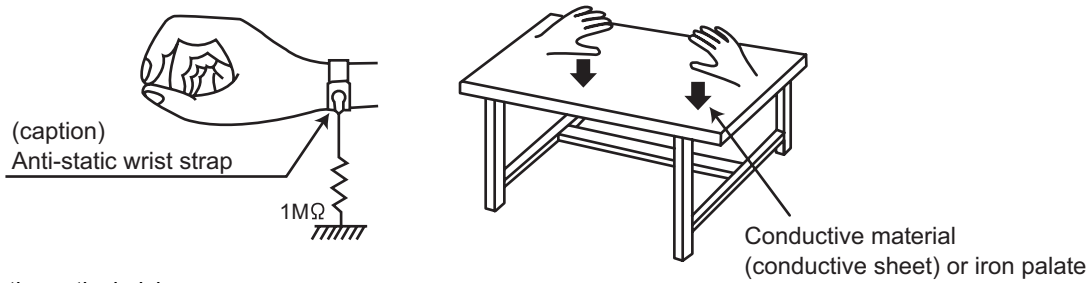
Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

1.5.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as DVD players or recorder.
Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench
Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

(2) Ground yourself
Use an anti-static wrist strap to release any static electricity built up in your body.



(3) Handling the optical pickup
- In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)
- Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

1.6 Handling the traverse unit (optical pickup)

(1) Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.
(2) Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.
(3) Handle the flexible cable carefully as it may break when subjected to strong force.
(4) I t is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it.

1.7 Important for laser products

1.CLASS 1 LASER PRODUCT

2.DANGER : Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

3.CAUTION : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

4.CAUTION : The CD,MD and DVD player uses invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.

⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated.
AVOID DIRECT EXPOSUREBTO BEAM.

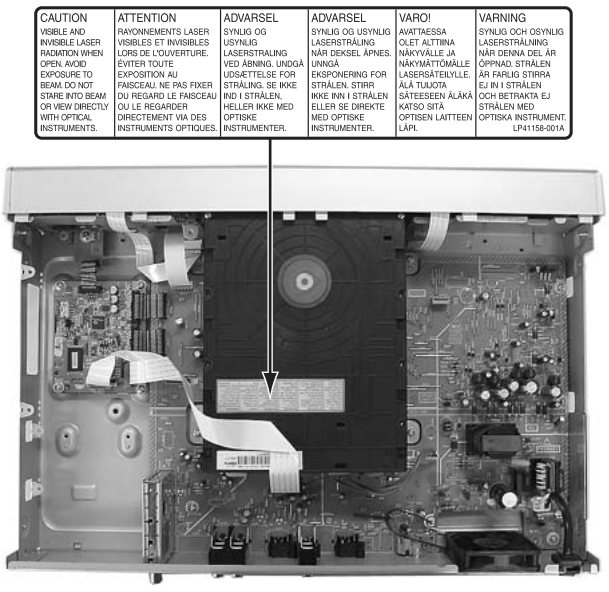
ADVARSEL : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling.

VARNING : Synlig och osynlig laserstråling när den öppnas och spärren är urkopplad. Betrakta ej strålen.

VARO : Avattaessa ja suojalukitus ohitettuna tai viallisena olet alttiina näkyvälle ja näkymätttömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi.

REPRODUCTION AND POSITION OF LABEL

On mechanism assembly



SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body section

3.1.1 Remove the top cover (See figure 1)

(1) Remove the four screws **A** attaching the top cover on both sides of the main body.
(2) Remove the five screws **B** attaching the top cover on the back of the main body.
(3) Raise the both sides and lower part of the rear of the top cover, with opening them slightly in an outward direction. And the top cover will be removed.

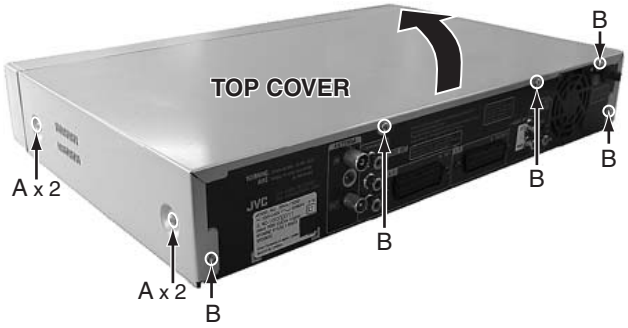


Fig.1

3.1.2 Remove the front panel assembly (See figure2, figure 3)

- Prior to performing the following procedure, remove the top cover.
- There is no need to remove the mechanism assembly.

(1) Disconnect the card wires from connectors CN7002, CN7003, CN4001 on the main board and display board.
(2) Hooks **a** and **b** are removed respectively, and the front panel assembly is removed.

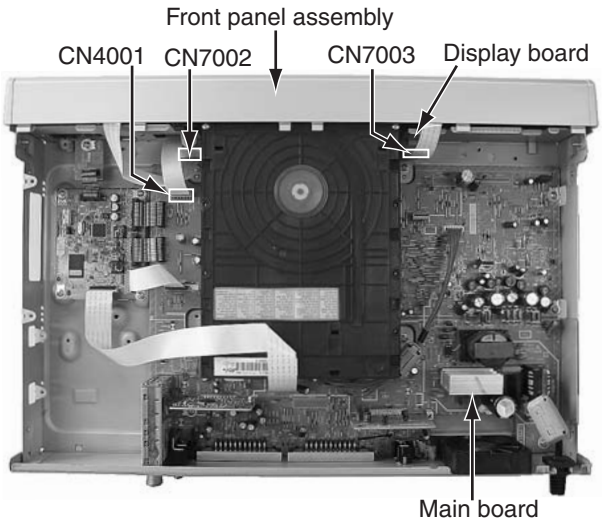


Fig.2

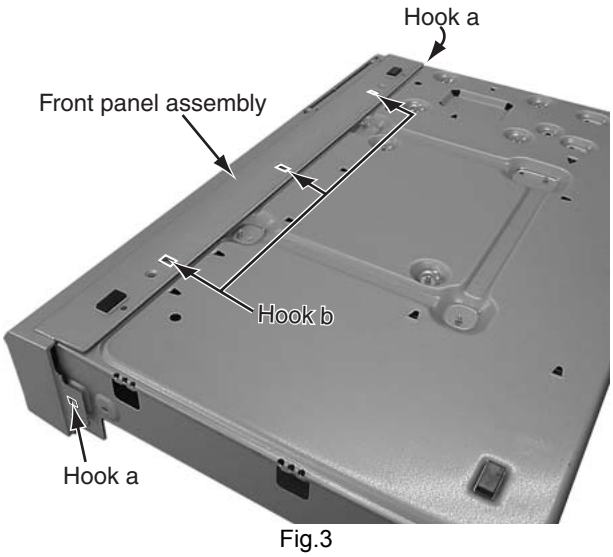


Fig.3

3.1.3 Remove the drive unit (See figure 4)

- Prior to performing the following procedure, remove the top cover.
- There is no need to remove the front panel assembly.

(1) Disconnect the socket wire from connector CN5302 on the main board.
(2) Disconnect the card wire from connector CN2201 on the digital board.
(3) Remove the four screws **C** attaching the drive unit.

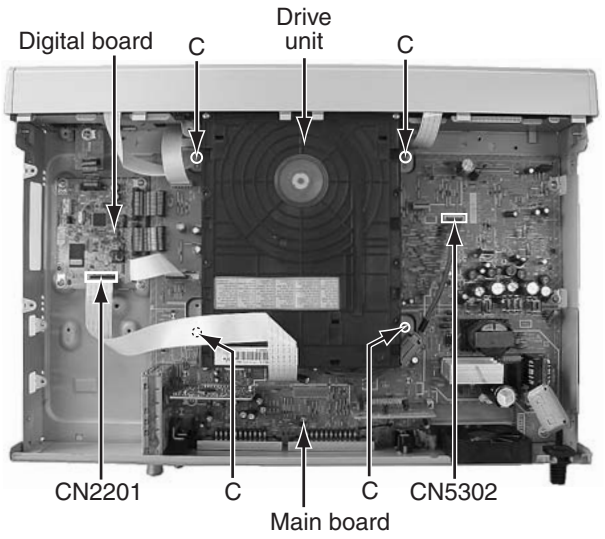


Fig.4

3.1.4 Remove the digital board (See figure 5)

- Prior to performing the following procedure, remove the top cover.

(1) Disconnect the card wire from connectors CN2201, CN1103 on the digital board.
(2) Disconnect the socket wire from connectors CN1101, CN1102, CN1801 on the digital board.
(3) Remove the four screws **D** attaching the digital board.

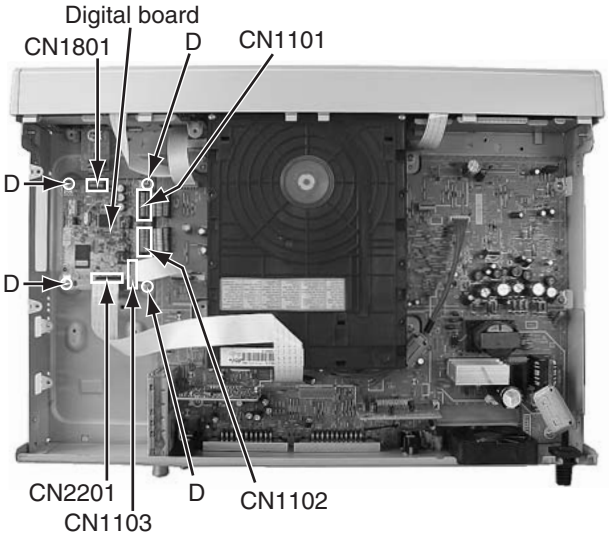


Fig.5

3.1.5 Remove the main board (See figure 6, figure 7)

- Prior to performing the following procedure, remove the top cover, drive unit.
  (1) Disconnect the card wire from connectors CN4001, CN4103 on the main board.
  (2) Disconnect the socket wire from connectors CN1101, CN1102, CN7001 on the digital board and display board.
  (3) Disconnect the socket wire from connector CN5303, on the main board.
  (4) Disconnect the power cord from connector CN5001, on the main board.
  (5) Remove the six screws **E** attaching the main board.
  (6) Remove the eight screws **F** and **G** attaching the rear panel with main board.

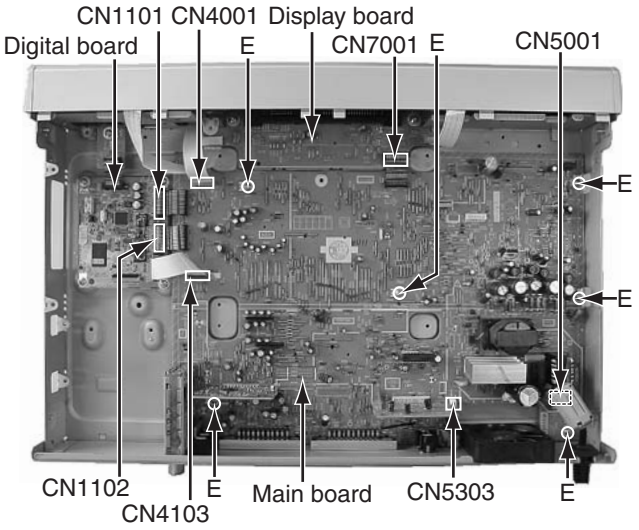


Fig.6

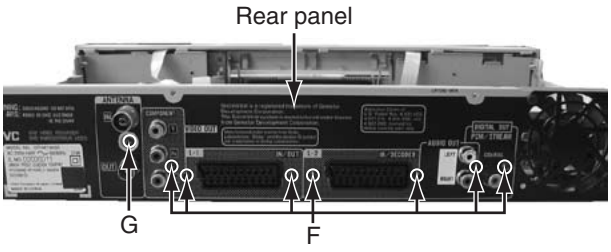


Fig.7

3.1.6 Remove the dispiay board (See figure 8)

- Prior to performing the following procedure, remove the top cover, drive unit, front panel assembly.
  (1) Disconnect the socket wire from connector CN7001 on the display board.
  (2) Remove the two screws **H** attaching the display board.

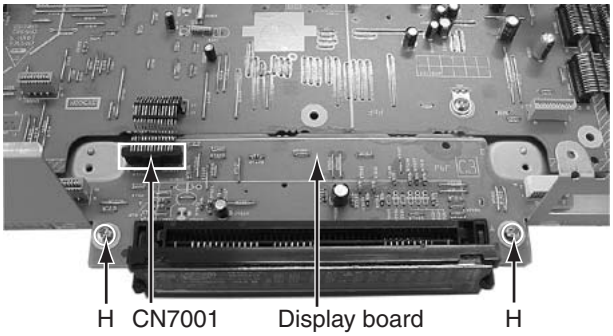


Fig.8

3.2 Loading mechanism assembly

3.2.1 Remove the clamper base (See figure 1, figure 2)

(1) The part **a** on the reverse side of a mechanism assembly is made to slide in the direction of an arrow with a driver etc. (A tray ejects a few.)
(2) Remove the two screws **A** attaching the clamper base.
(3) After making a clamper base slide in the direction of an arrow, it raises upward and removes.
(4) A tray is removed.

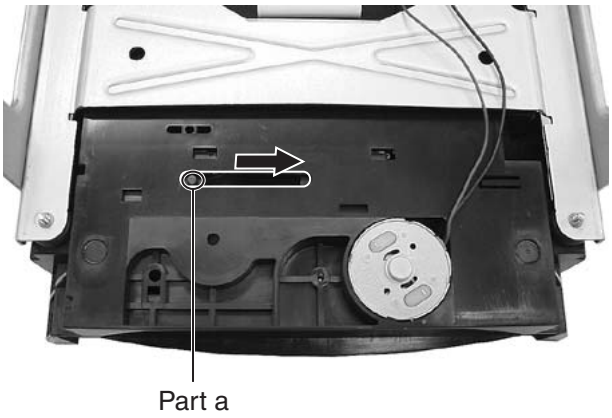


Fig.1

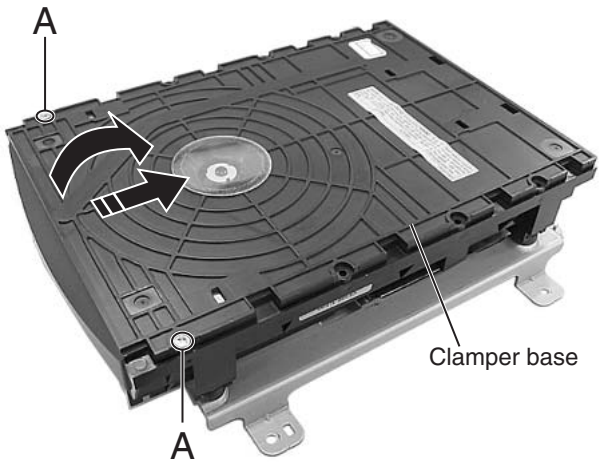
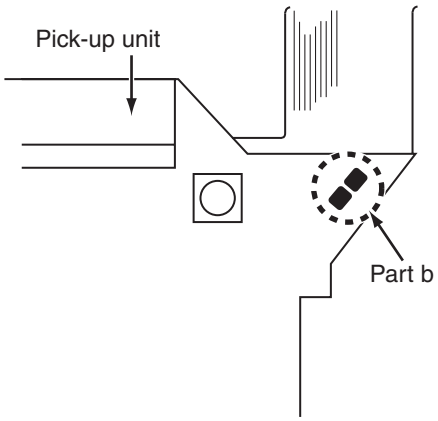


Fig.2

3.2.2 Remove the traverse mechanism assembly (See figure 3, figure 4, figure 5)

• Prior to performing the following procedure, remove the clamper base and tray.

(1) It solder to part **b** section on the pick-up unit.



(2) Disconnect the card wire from connector CN1 on the pick-up unit.

ATTENTION:

Please extract the wire after short-circuited on the pick-up unit in part **b** with solder. Please remove the solder of part **b** after connecting the wire with CN1 when reassembling.

(3) Disconnect the flexible wire from connector CN301 on the servo control board.

(4) Remove the one screw **B** attaching the mechanism bracket.

(5) Remove the four screws **C** and **D** attaching the leaf spring.

(6) Remove the two screws **E** and **F** attaching the traverse mechanism assembly.

(7) When a traverse mechanism assembly is in the lowest position, a gear 1 is turned clockwise, and since a traverse mechanism assembly is moved to the upper position, it is removed.

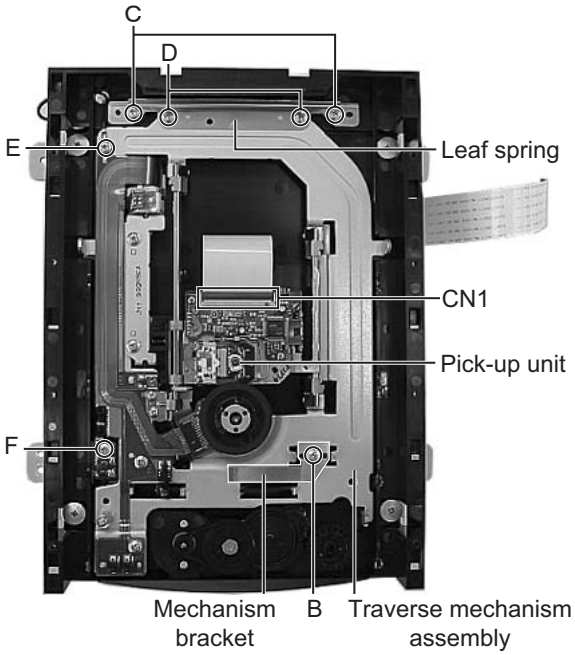


Fig.3

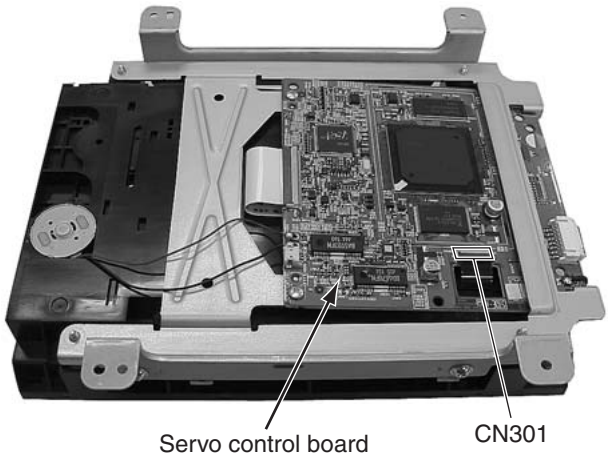


Fig.4

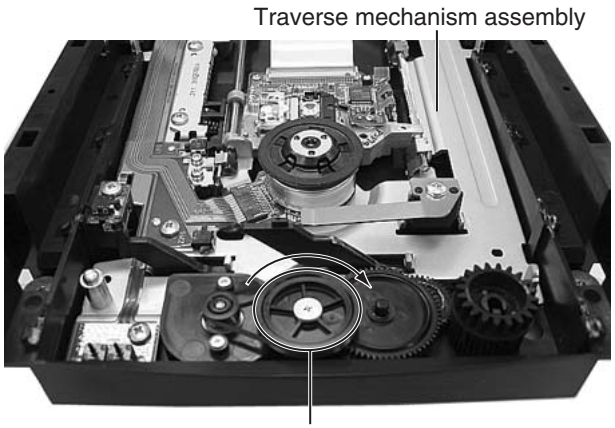


Fig.5

3.2.3 Remove the flexible wire assembly (See figure 6)

- Prior to performing the following procedure, remove the clamper base and tray.
  (1) Remove the four screws **G** and **H** attaching the flexible wire assembly.
  (2) Remove the solder part **c** soldered to the feed motor.
  (3) Remove the two screws **I** attaching the shaft guide.
  (4) Disconnect the flexible wire from connector CN1 on the spindle motor board.

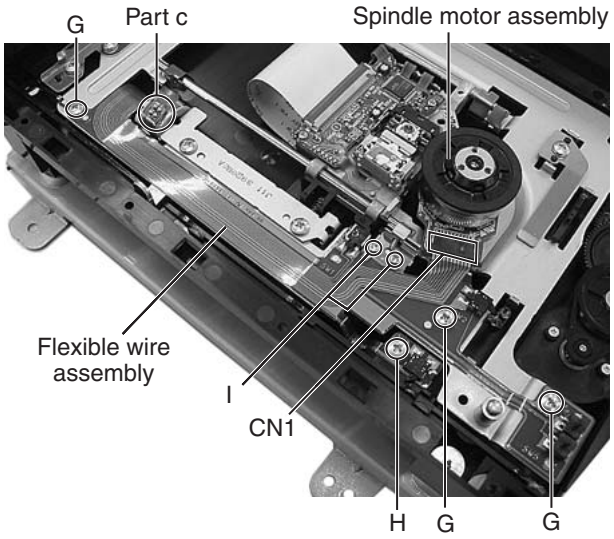


Fig.6

3.2.4 Remove the servo control board and board bracket (See figure 7, figure 8)

- Prior to performing the following procedure, remove the clamper base and tray.
  (1) Remove the soler part **d** and **e** soldered on the servo control board.
  (2) Disconnect the flexible wire from connector CN301 on the servo control board.
  (3) Disconnect the card wire from connector CN101 on the servo control board.
  (4) Remove the two screws **J** attaching the servo control board.
  (5) Remove the four screws **K** attaching the board bracket.

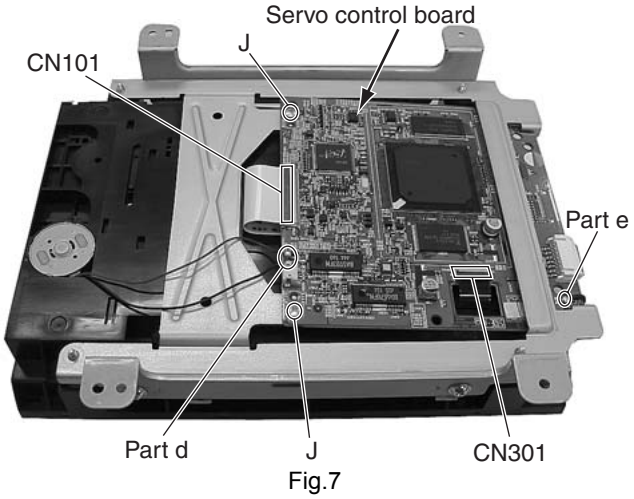


Fig.7

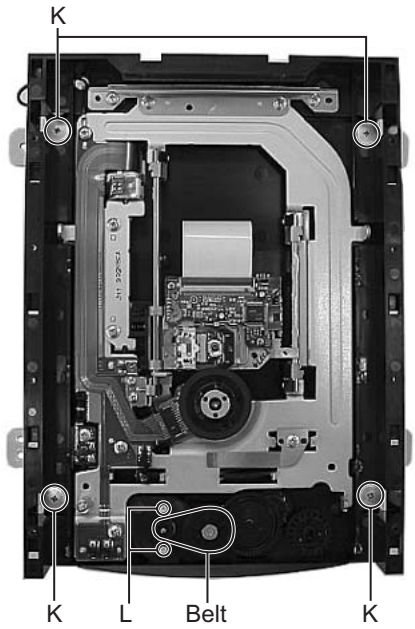


Fig.8

3.2.5 Remove the loading motor (See figure 7, figure 8)

- Prior to performing the following procedure, remove the clamper base and tray.
  (1) Remove the soler part **d** soldered on the servo control board.
  (2) A belt is removed.
  (3) Remove the two screws **L** attaching the loading motor.

SECTION 4
ADJUSTMENT

4.1 Timer clock adjustment (for only ver.EU,EL,EY,EZ,ER)

If an error comes to arise for a clock, the following procedure will adjust.

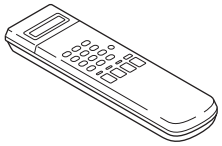
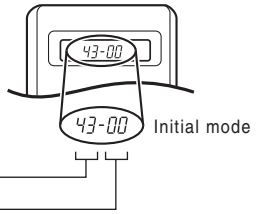
Signal	(A1)	No signal
Mode	(B)	EE
Equipment	(C)	Frequency counter
Measuring point	(D1) (D2) (D3)	IC3001 pin 29 IC3001 pin 83 C3021 + and -
Adjustment part	(F)	C3033 (TIMER CLOCK)
Specified value	(G)	1024.008 ±0.001 Hz (976.5549 ±0.0010 usec)

(1) Connect the frequency counter to the measuring point (D1).
(2) Connect the short wire between the short point (D2) and Vcc (5V).
(3) Short the leads of capacitor (D3) once in order to reset the microprocessor of the system controller.
(4) Disconnect the short wire between the short point (D2) and Vcc then connect it again.
(5) Adjust the Adjustment part (F) so that the output frequency becomes the specified value (G).

SECTION 5
TROUBLESHOOTING

5.1 JIG Mode

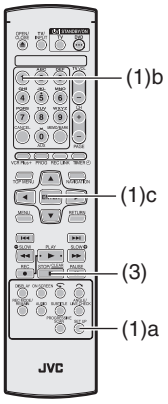
The following remote control units are required to set and cancel JIG mode.
For setting : a remote control unit attached to product.
For cancellation : JIG remote control unit (part number : PTU94023B)

Remote control unit attached to product	JIG remote control unit
	 JIG remote control unit [Data transmission] Set the data code, and then press the ") " 3 button. 

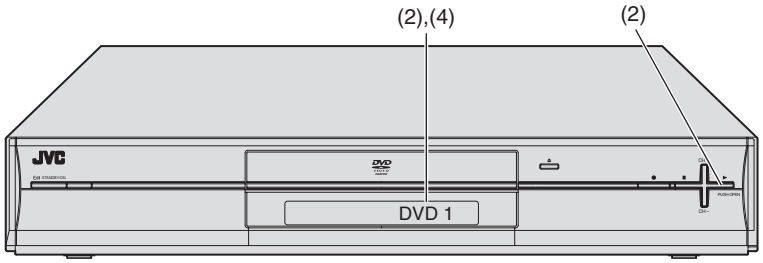
When the main body is set to JIG mode and when the main body is under JIG mode, the remote control unit attached to product operates only in "Remote Control Code 1". Since main body is in "Remote Control Code 3" when it is shipped and just after its batteries are changed, "Remote Control Code 3" needs to be changed to "Remote Control Code 1."

< Changing Remote Control Code >

(1) Press the numeric button "1" of the remote control unit while pressing the "SET UP" button of the remote control unit. Then, press the "ENTER" button, and then release the "SET UP" button.
(2) Press the "PLAY" button of the main body for five seconds or longer while the main body is in stand-by mode, and a current remote control code of the main body is displayed in FL indicator of the main body.
(3) While keeping the state of (2), press the "STOP" button of the remote control unit toward the main body.
(4) The code that was set by the remote control unit blinks for 5 seconds, before the code is set to the main body.
When the FL indicator changes to "DVD1," it shows that the remote control code has been changed to "1."



"(1) a-c" shows the order of pressing the buttons.



5.1.1 Setting JIG mode

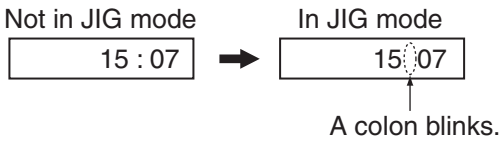
To display SYSTEM INFO or to upgrade firmware, the main body needs to be set to JIG mode.

(1) Turn the main body ON.

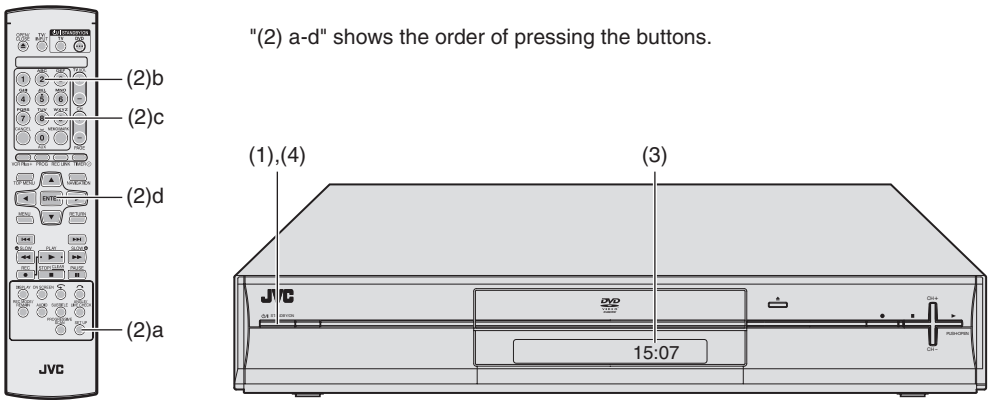
(2) Press the buttons of the remote control unit attached to product in the following order : "SET UP" → "2" → "8" → "ENTER"

(3) When a colon ":" between "hour" and "minute" of a clock in FL indicator blink, it means that the main body has been set to JIG mode properly.

[Example]



(4) Turn the main body OFF, and then turn it ON again.
*Once the main body is set to JIG mode, the JIG mode cannot be cancelled even if the power cord is pulled out from the wall socket.



5.1.2 Canceling JIG mode

(1) Transmit "43-9D" to the main body by using JIG remote control unit.
(Please end a setting menu pushing “SET UP” button of the remote control unit appended to the commodity beforehand when a setting menu is displayed.)

(2) A colon ":" between "hour" and "minute" of a clock in FL indicator light.

(3) Turn the main body OFF, and then turn it ON again.

NOTE:

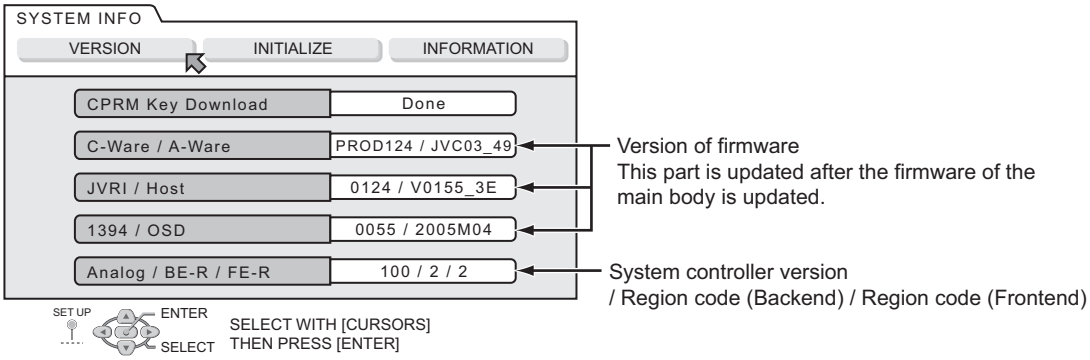
After repair work, be sure to cancel JIG mode. Before returning product to a user, confirm that a colon ":" between "hour" and "minute" of a clock in FL indicator light.

5.2 Displaying SYSTEM INFO

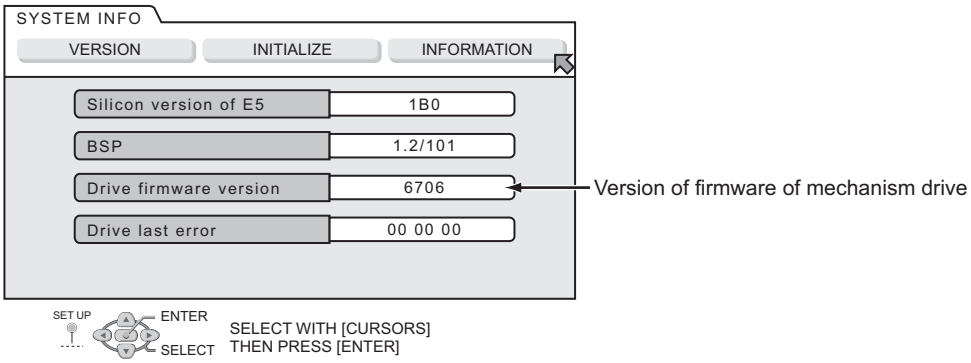
In the SYSTEM INFO there is information including firmware versions of the main body and the drive unit.

(1) Set the main body to JIG mode.
(2) Transmit "43-8B" to the main body by using JIG remote control unit.
(Please end a setting menu pushing “SET UP” button of the remote control unit appended to the commodity beforehand when a setting menu is displayed.)
(3) SYSTEM INFO menu is displayed in the television screen.
(4) To move cursor in SYSTEM INFO, use the "▲", "▼", "◀", and "▶" buttons of a remote control unit attached to product.

< VERSION >



< INFORMATION >



NOTE :
Items other than the ones described above are not used in service work.

(5) To quit the SYSTEM INFO menu, transmit "43-8B" to the main body by using JIG remote control unit.
(6) Cancel JIG mode.

5.3 Updating the firmware of the main body

- Firmware update disk supports CD-R media.
- When firmware update is necessary. information is available from the homepage of DIGITAL VIDEO STORAGE CATEGORY, CS group.
- Please check the details of the update disc creation method by JS-NET.
  (1) Set the main body to JIG mode.
  (2) Transmit "43-70" to the main body by using JIG remote control unit.
  (3) "UPDATE" appears in FL indicator. Load disk for update on the tray, and close the tray.
  (4) Update processing is started automatically.
  (5) Then, "FW UPDATE" appears in FL indicator. It takes approx. **3 minutes** at maximum to update firmware.
  (6) The tray is ejected. Then, take out the disk and close the tray.
  (7) Turn the main body OFF, and pull out the power cord from the wall socket. Then, plug the power cord into the wall socket.
  (8) "PLEASE" and "WAIT" blink alternately and it is displayed in FL indicator. Then, turn the main body ON.
  (9) Display the SYSTEM INFO menu, and check the version of the firmware.
  (10) Cancel JIG mode.

ATTENTION :

Firmware may sometimes not be update successfully.
If firmware is not update successfully, the tray opens, and "ERROR" appears in FL indicator.
If firmware is update successfully, the tray opens, and "OPEN" appears in FL indicator.
If the power cord is pulled out from the wall socket while "ERROR" appears, data in the flash memory is destroyed and the main body cannot start: the flash memory needs to be replaced.
After update procedure, pay enough attention to FL indicator when the tray opens.

When "ERROR" appears, update firmware again in the following way to restore the firmware.
(1) Transmit "43-70" to the main body by using JIG remote control unit while the tray opens.
(2) When "UPDATE" appears in FL indicator, close the tray and make the main body read the disk. Update starts.
(3) The following procedures are the same as a usual update.

5.4 Updating the firmware of the drive unit

- Firmware update disc supports only DVD-RAM media.
- When firmware update is necessary, written discs are distributed by DIGITAL VIDEO STORAGE CATEGORY, CS group.
  (1) Turn the main body ON.
  (2) Load the update DVD-RAM disc on the tray and close the tray.
  (3) “READING” is displayed in the FL indicator and the update is started.
  (4) In a short while “READING” in the FL indicator disappears, open the tray to remove the disc and close the tray.
  (5) Turn the power OFF and pull out the power code from the wall socket, then plug the power cord into the wall socket again.
  (6) Set to the JIG mode and check the firmware version of the drive.

5.5 Setting after the drive unit replacement

When the drive unit is replaced, it is necessary to set a region code. Service drive units for replacement are not set for any region code, and they are in an indefinite condition.
Make sure to set region code after attaching the drive unit to the main body.
Without the setting of the region code, discs that have regions cannot be played back.
(1) Replace a drive unit.
(2) Turn POWER switch of the unit ON.
(3) Set the main body to JIG mode.
(4) Insert a DVD-RAM disc in the unit to make the unit read the DVD-RAM disc.(The DVD-RAM disk used in this procedure is not a disk for upgrade. If it is a DVD-RAM disk, it is good anything.)
(5) Send "43-F2" to the unit by using JIG remote control unit.
(6) "2 REGION" is displayed on FL display.
(7) Set the unit to STANDBY.
(8) Turn the POWER switch ON.
(9) To cancel JIG MODE, send "43-9D" to the unit by using JIG remote control unit.
(10) Colon is displayed on a clock on FL display.
(11) Setting is completed in the procedure above.

5.6 Taking out a disc

5.6.1 Method 1

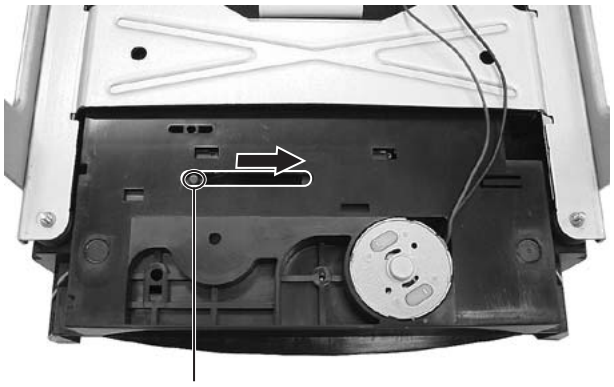
There is compulsive tray ejection mode by electric operation.

(1) AC Plug is pulled out at once and inserted again.
(2) It is displayed on FL display as "PLEASE" and "WAIT" blink alternately, and while it blinks, pushing the EJECT button of a main body is continued.
(3) After a while, a tray opens (About 20 seconds).
(4) A disk is removed, the tray is pushed, and a tray is made to close.
(5) "PLEASE" and "WAIT" blink alternately and it is displayed in FL indicator, and it will be in a standby state.
(6) If the POWER button is pushed, it will usually be operating.

5.6.2 Method 2

When a disk is not able to be taken out by operation of "Method 1"
A tray can be ejected mechanically, without switching on a power supply.

(1) A drive unit is removed from a main body.
(2) The part **a** on the reverse side of a drive unit is made to slide in the direction of an arrow with a screw driver etc.
(3) Since a tray ejects a few, a tray is pulled out manually.



5.7 Initialization to the factory shipment state

When the initialization is operated, internal information changes as follows. It is essential to obtain the client's permission before the operation.

- All DVD library is all deleted.
- All the DVD initial settings go back to the initial status.

(1) Set to the JIG mode.
(2) Transmit "43-6F" with the JIG remote control unit.
(3) FL indicator displays "FACTORY", and changes to "CHECK OK" after blinking for a short while.
(4) Pull out the power code from the wall socket.
(5) The JIG mode is forced to cancel at the same time with the initialization, check whether the JIG mode is canceled by plugging the power code into the wall socket again. (The colon ":" in time display should be continuously ON, not blinking.)
If the JIG mode is not canceled, transmit "43-9D" with JIG remote control unit to cancel the JIG mode.

5.8 When it is displayed in FDP, "RESET"

When the following operations are carried out, "RESET" is displayed in the FDP of the main body.

(1) When the "POWER" button and the "STOP" button of the main body are pressed at the same time
(2) When the code "9B" is transmitted to the main body by using JIG remote control unit
(3) When transmission failure occurs between the main CPU and the DVD host CPU due to defect

If "RESET" is displayed in the FDP after the power code is plugged into the outlet, check the followings.

- The peripheral circuitry of each microcomputer
- Whether the wire between the DVD drive and the board is properly connected
- Whether the wire between the main board and the digital board is properly connected

JVC
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AV & MULTIMEDIA COMPANY DIGITAL VIDEO STORAGE CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No.YD059)

Printed in Japan
VPT

JVC

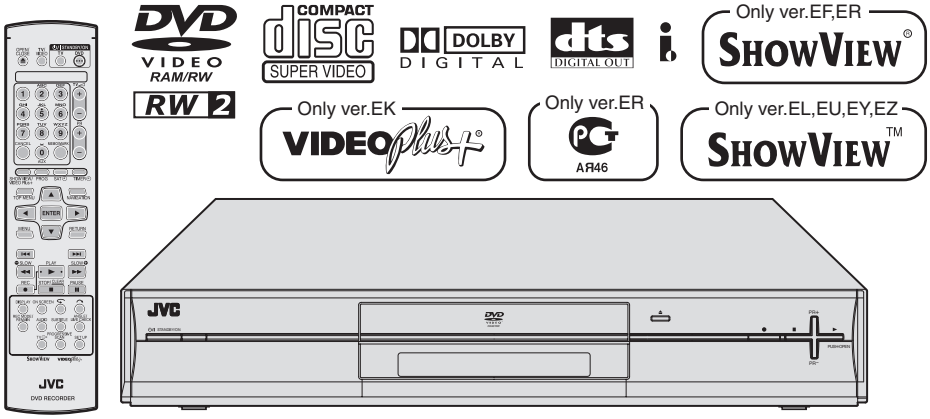
SCHEMATIC DIAGRAMS

DVD VIDEO RECORDER

DR-M100SEF, DR-M100SEK, DR-M100SEL, DR-M100SER, DR-M100SEU, DR-M100SEY, DR-M100SEZ

CD-ROM No.SML200505

Area Suffix	
EF	French Republic
EK	U.K.
EL	South Europe
ER	Russian Federation
EU	Western Europe
EY	Northern Europe
EZ	Eastern Europe



DR-M100SEU,DR-M100SEK,DR-M100SEL,DR-M100SEY
DR-M100SEZ,DR-M100SEF,DR-M100SER [D5R10]

Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

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No.YD059SCH
2005/5

CHARTS AND DIAGRAMS

NOTES OF SCHEMATIC DIAGRAM

Safety precautions
The Components indentified by the symbol ⚠ are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.

1. Units of components on the schematic diagram

Unless otherwise specified.

1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).
   Chip resistors are 1/16 W.
   K: KΩ(1000Ω), M: MΩ (1000KΩ)
2) All capacitance values are in μF, (P: PF).
3) All inductance values are in μH, (m: mH).
4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

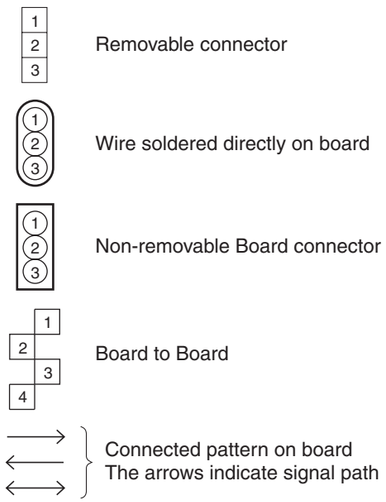
Note: The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.

2. Indications of control voltage

AUX : Active at high.

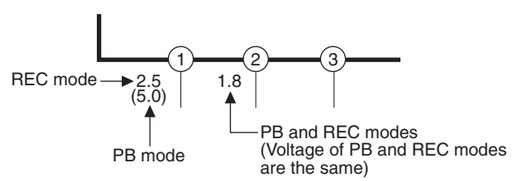
$\overline{\text{AUX}}$ or AUX(L) : Active at low.

3. Interpreting Connector indications



4. Voltage measurement

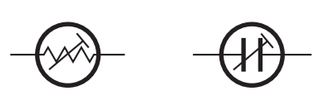
1) Regulator (DC/DC CONV) circuits
   REC : Colour bar signal.
   PB : Alignment tape (Colour bar).
   — : Unmeasurable or unnecessary to measure.
2) Indication on schematic diagram
   Voltage indications for REC and PB mode on the schematic diagram are as shown below.



Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.

6. Indication of the parts for adjustments

The parts for the adjustments are surrounded with the circle as shown below.



7. Indication of the parts not mounted on the circuit board

"OPEN" is indicated by the parts not mounted on the circuit board.

CIRCUIT BOARD NOTES

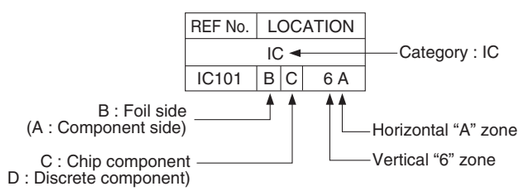
1. Foil and Component sides

1) Foil side (B side) :
   Parts on the foil side seen from foil face (pattern face) are indicated.
2) Component side (A side) :
   Parts on the component side seen from component face (parts face) indicated.

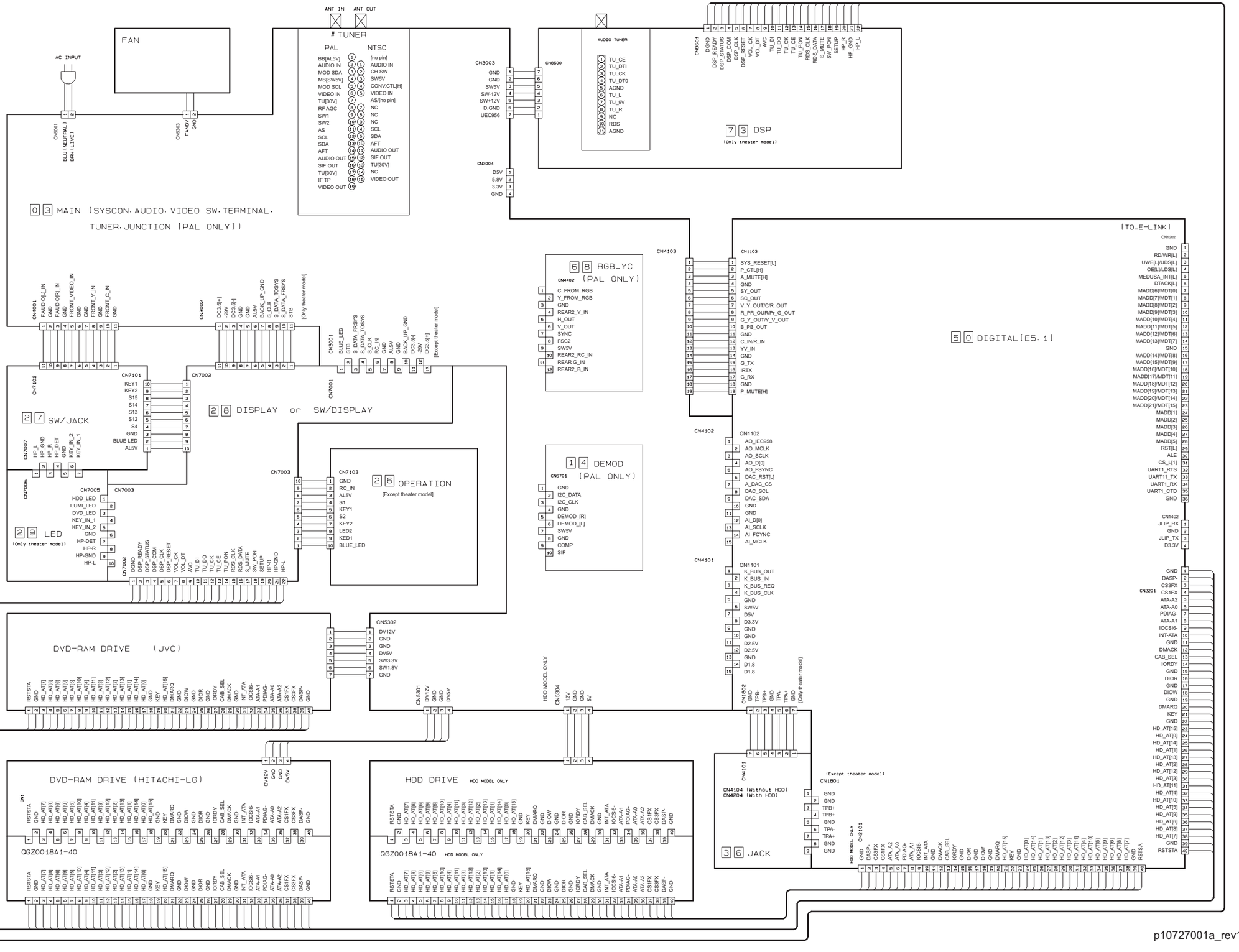
Parts location are indicated by guide scale on the circuit board.

2. Parts location guides

Parts location are indicated by guide scale on the circuit board.



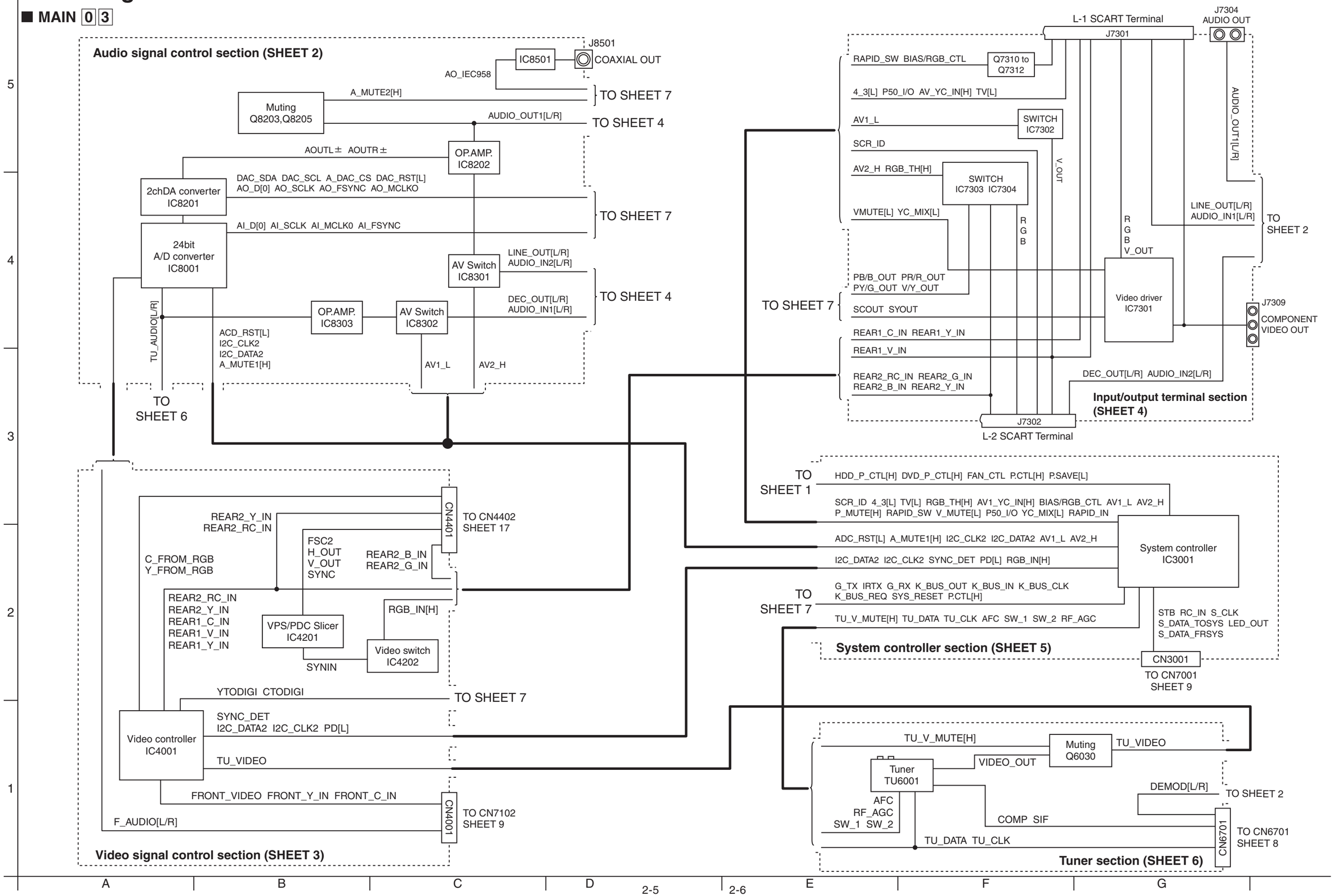
Wiring diagram

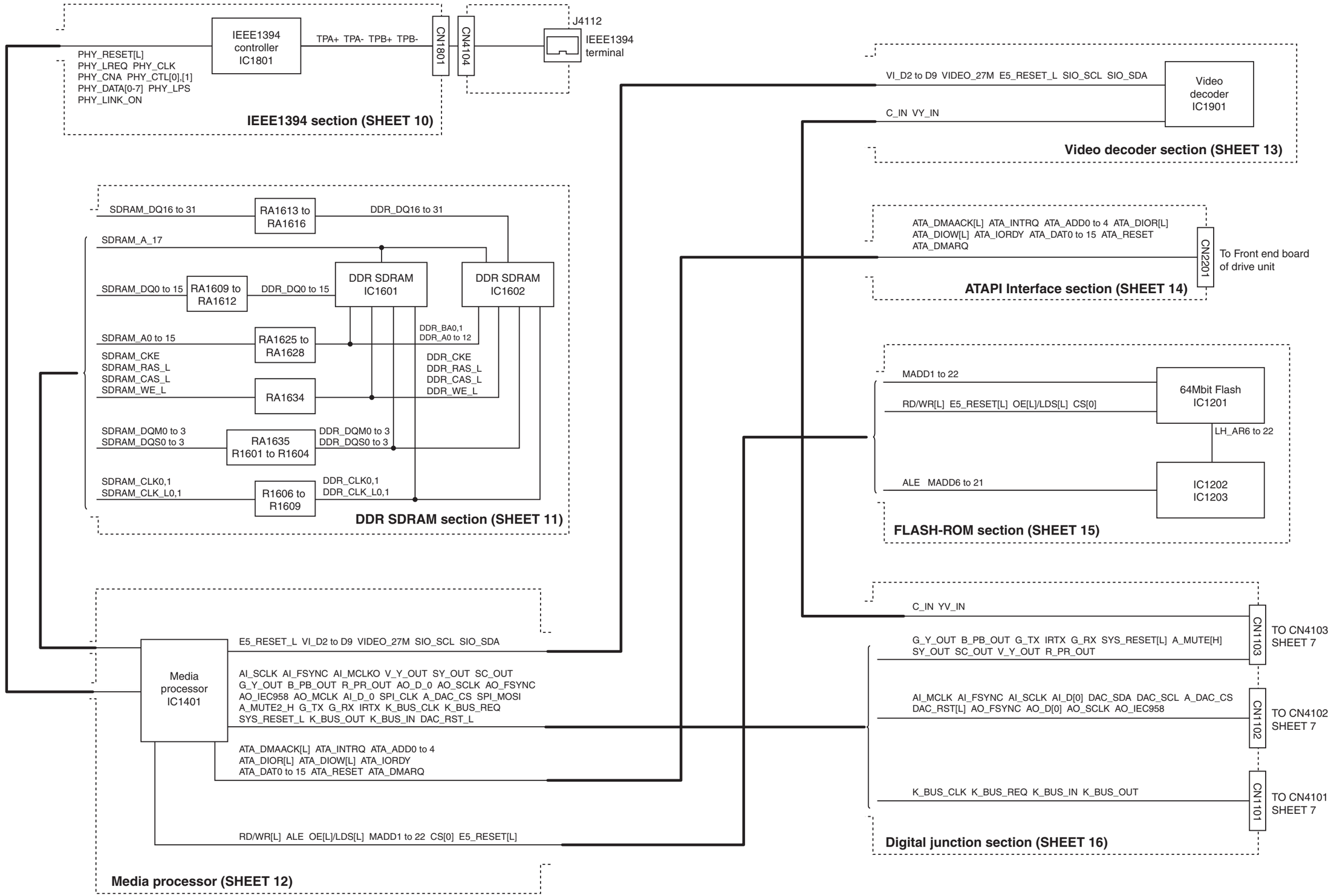


NO	NAME
7 3	DSP
3 6	JACK
2 9	LED
2 8	SW/DISPLAY
2 7	SW/JACK
2 6	OPERATION
1 4	DEMOD
0 3	MAIN
0 3	MAIN
0 2	DIGITAL

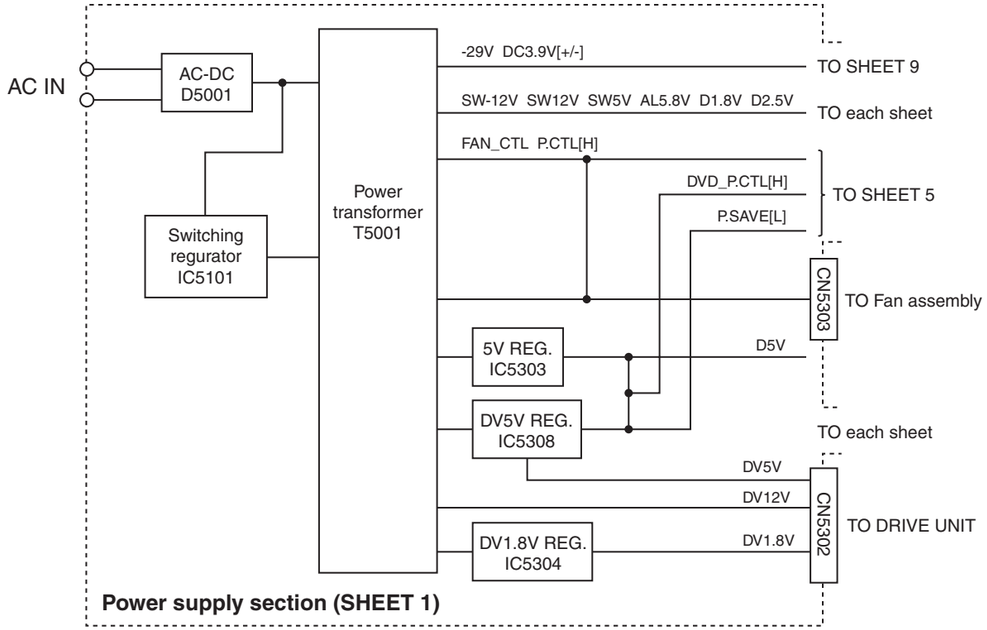
Block diagrams

■ MAIN 0 3

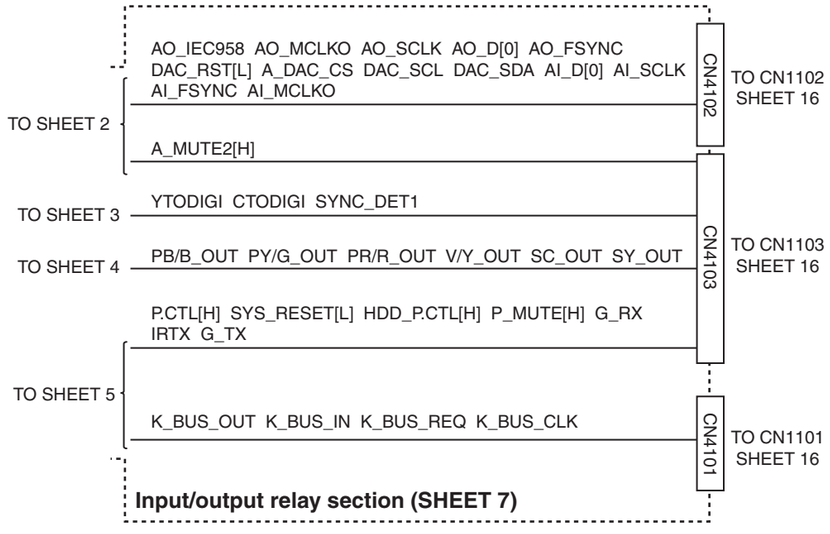



IEEE1394 controller IC1801
PHY_RESET[L]
PHY_LREQ PHY_CLK
PHY_CNA PHY_CTL[0],[1]
PHY_DATA[0-7] PHY_LPS
PHY_LINK_ON
TPA+ TPA- TPB+ TPB-
CN1801
CN4104
J4112
IEEE1394 terminal
IEEE1394 section (SHEET 10)
SDRAM_DQ16 to 31
RA1613 to RA1616
DDR_DQ16 to 31
SDRAM_A_17
SDRAM_DQ0 to 15
RA1609 to RA1612
DDR_DQ0 to 15
DDR SDRAM IC1601
DDR SDRAM IC1602
SDRAM_A0 to 15
RA1625 to RA1628
DDR_BA0,1
DDR_A0 to 12
SDRAM_CKE
SDRAM_RAS_L
SDRAM_CAS_L
SDRAM_WE_L
RA1634
DDR_CKE
DDR_RAS_L
DDR_CAS_L
DDR_WE_L
SDRAM_DQM0 to 3
SDRAM_DQS0 to 3
RA1635 R1601 to R1604
DDR_DQM0 to 3
DDR_DQS0 to 3
SDRAM_CLK0,1
SDRAM_CLK_L0,1
R1606 to R1609
DDR_CLK0,1
DDR_CLK_L0,1
DDR SDRAM section (SHEET 11)
VI_D2 to D9 VIDEO_27M E5_RESET_L SIO_SCL SIO_SDA
C_IN VY_IN
Video decoder IC1901
Video decoder section (SHEET 13)
ATA_DMAACK[L] ATA_INTRQ ATA_ADD0 to 4 ATA_DIOR[L]
ATA_DIOW[L] ATA_IORDY ATA_DAT0 to 15 ATA_RESET
ATA_DMARQ
CN2201
To Front end board of drive unit
ATAPI Interface section (SHEET 14)
MADD1 to 22
RD/WR[L] E5_RESET[L] OE[L]/LDS[L] CS[0]
64Mbit Flash IC1201
LH_AR6 to 22
ALE MADD6 to 21
IC1202 IC1203
FLASH-ROM section (SHEET 15)
Media processor IC1401
E5_RESET_L VI_D2 to D9 VIDEO_27M SIO_SCL SIO_SDA
AI_SCLK AI_FSYNC AI_MCLKO V_Y_OUT SY_OUT SC_OUT
G_Y_OUT B_PB_OUT R_PR_OUT AO_D_0 AO_SCLK AO_FSYNC
AO_IEC958 AO_MCLK AI_D_0 SPI_CLK A_DAC_CS SPI_MOSI
A_MUTE2_H G_TX G_RX IRTX K_BUS_CLK K_BUS_REQ
SYS_RESET_L K_BUS_OUT K_BUS_IN DAC_RST_L
ATA_DMAACK[L] ATA_INTRQ ATA_ADD0 to 4
ATA_DIOR[L] ATA_DIOW[L] ATA_IORDY
ATA_DAT0 to 15 ATA_RESET ATA_DMARQ
RD/WR[L] ALE OE[L]/LDS[L] MADD1 to 22 CS[0] E5_RESET[L]
Media processor (SHEET 12)
C_IN YV_IN
CN1103
TO CN4103 SHEET 7
G_Y_OUT B_PB_OUT G_TX IRTX G_RX SYS_RESET[L] A_MUTE[H]
SY_OUT SC_OUT V_Y_OUT R_PR_OUT
AI_MCLK AI_FSYNC AI_SCLK AI_D[0] DAC_SDA DAC_SCL A_DAC_CS
DAC_RST[L] AO_FSYNC AO_D[0] AO_SCLK AO_IEC958
CN1102
TO CN4102 SHEET 7
K_BUS_CLK K_BUS_REQ K_BUS_IN K_BUS_OUT
CN1101
TO CN4101 SHEET 7
Digital junction section (SHEET 16)

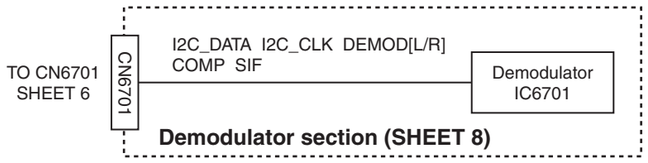
■ MAIN 03



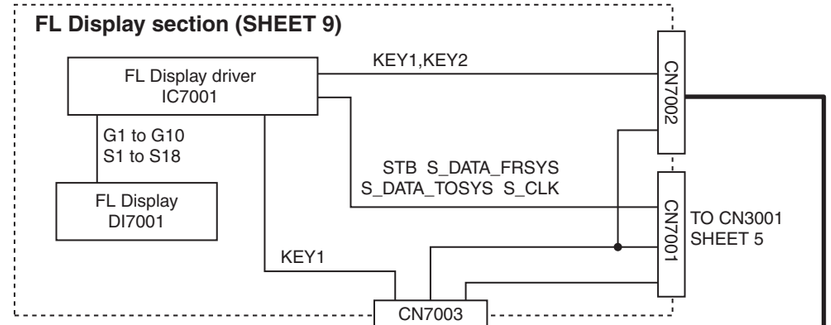
■ MAIN 03



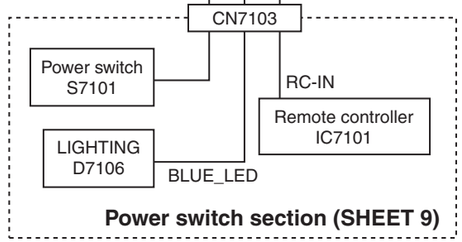
■ DEMOD 14



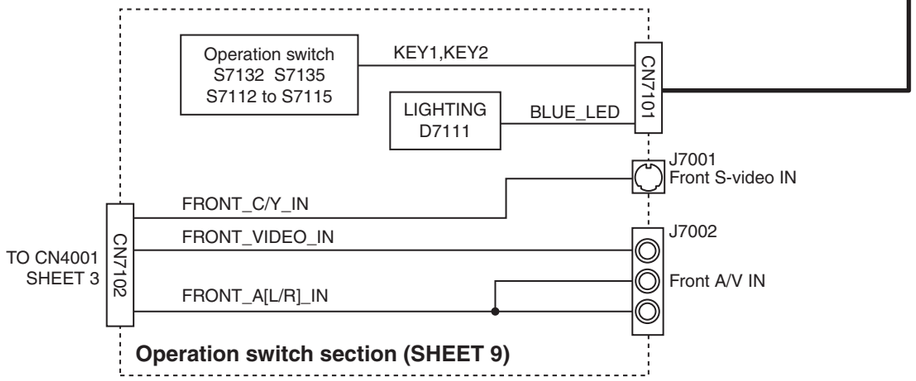
■ DISPLAY 28



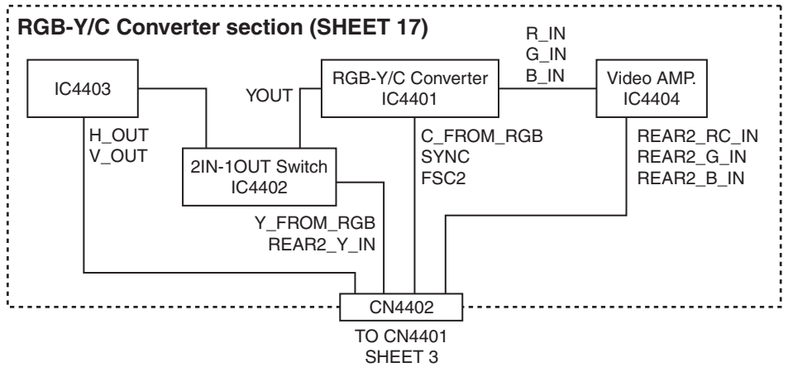
■ OPERATION 26



■ SW/JACK 27

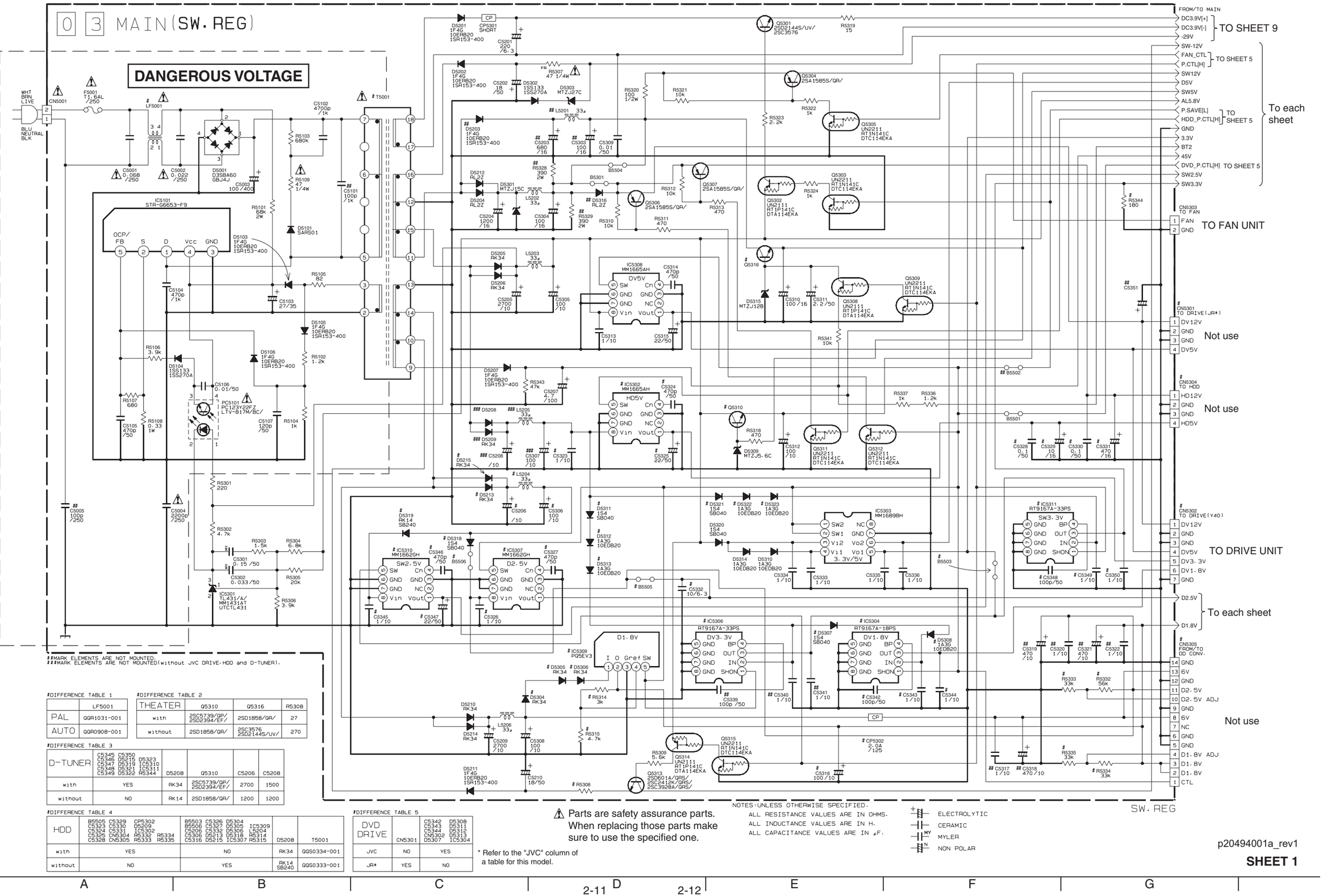


■ RGB_YC 68



Standard schematic diagrams

■ Power supply section



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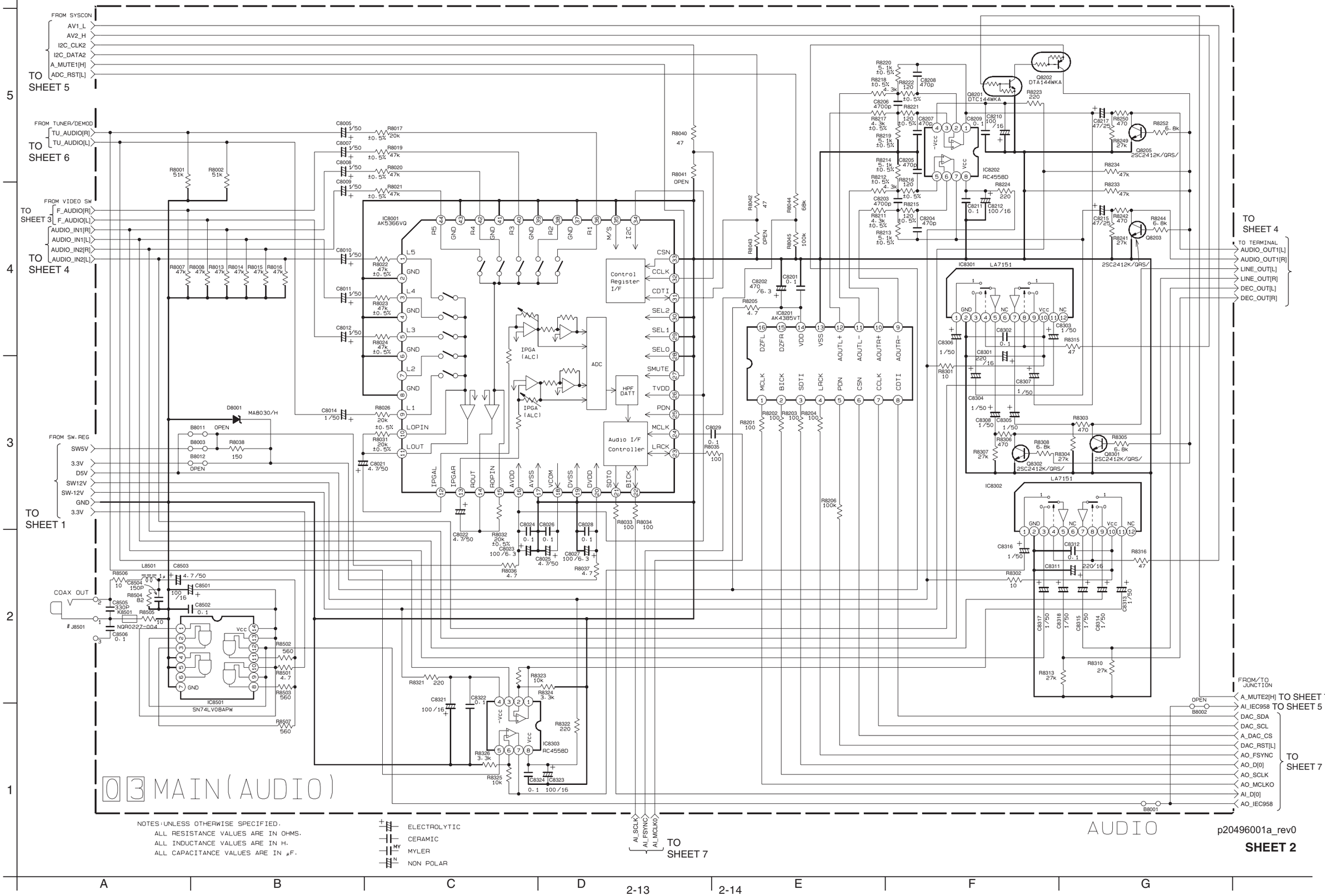
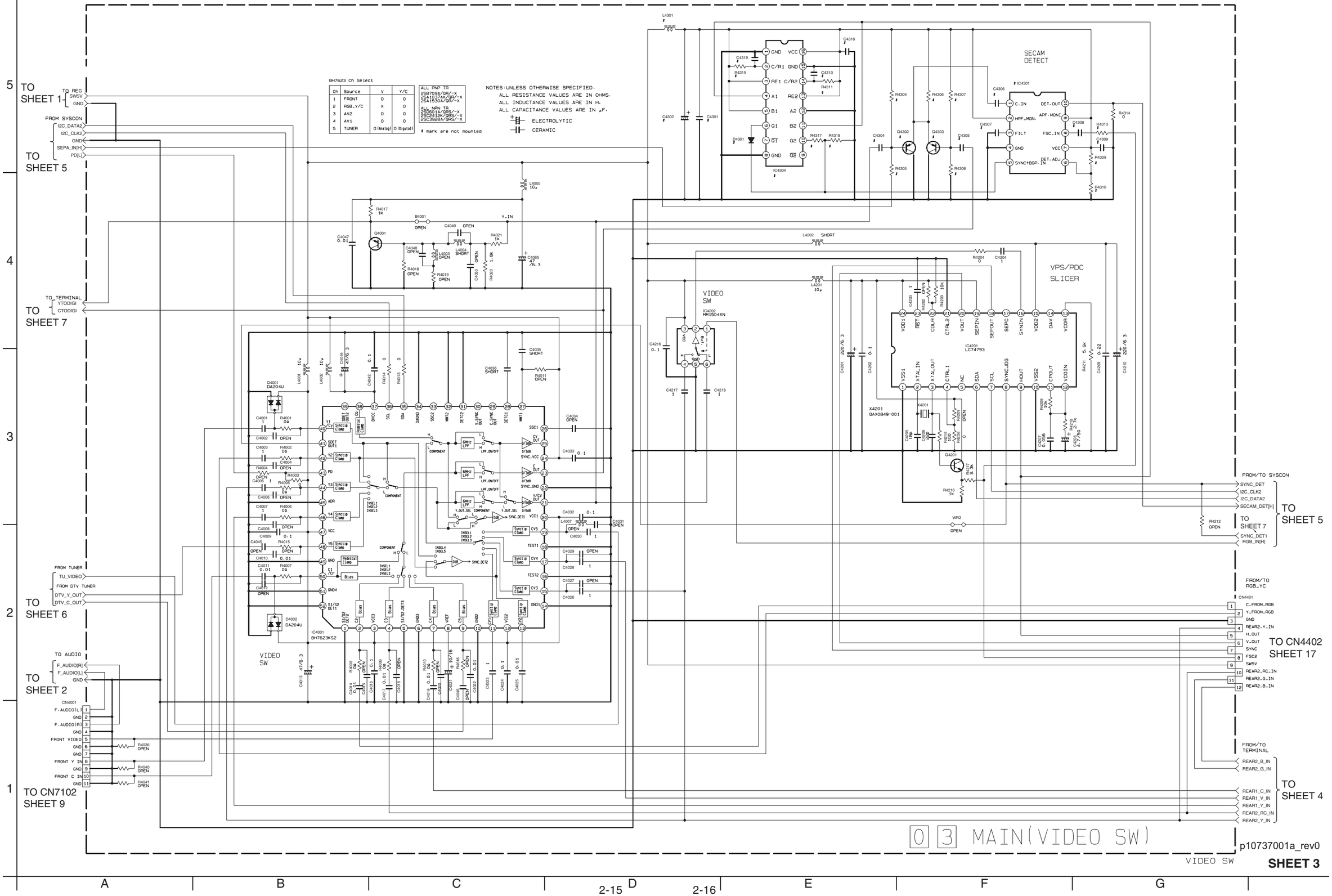
SHEET 1

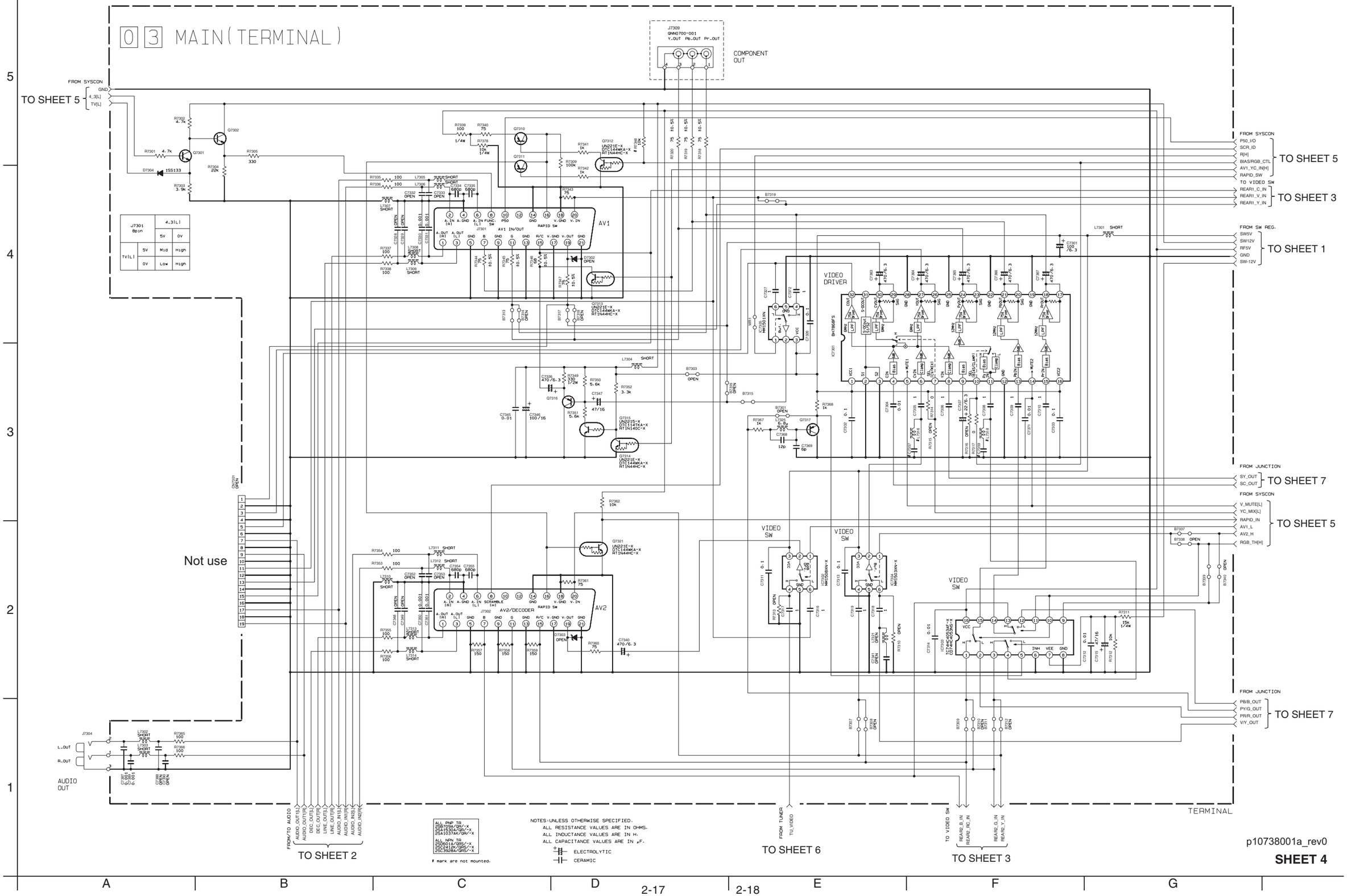
■ Audio signal control section



■ Video signal control section



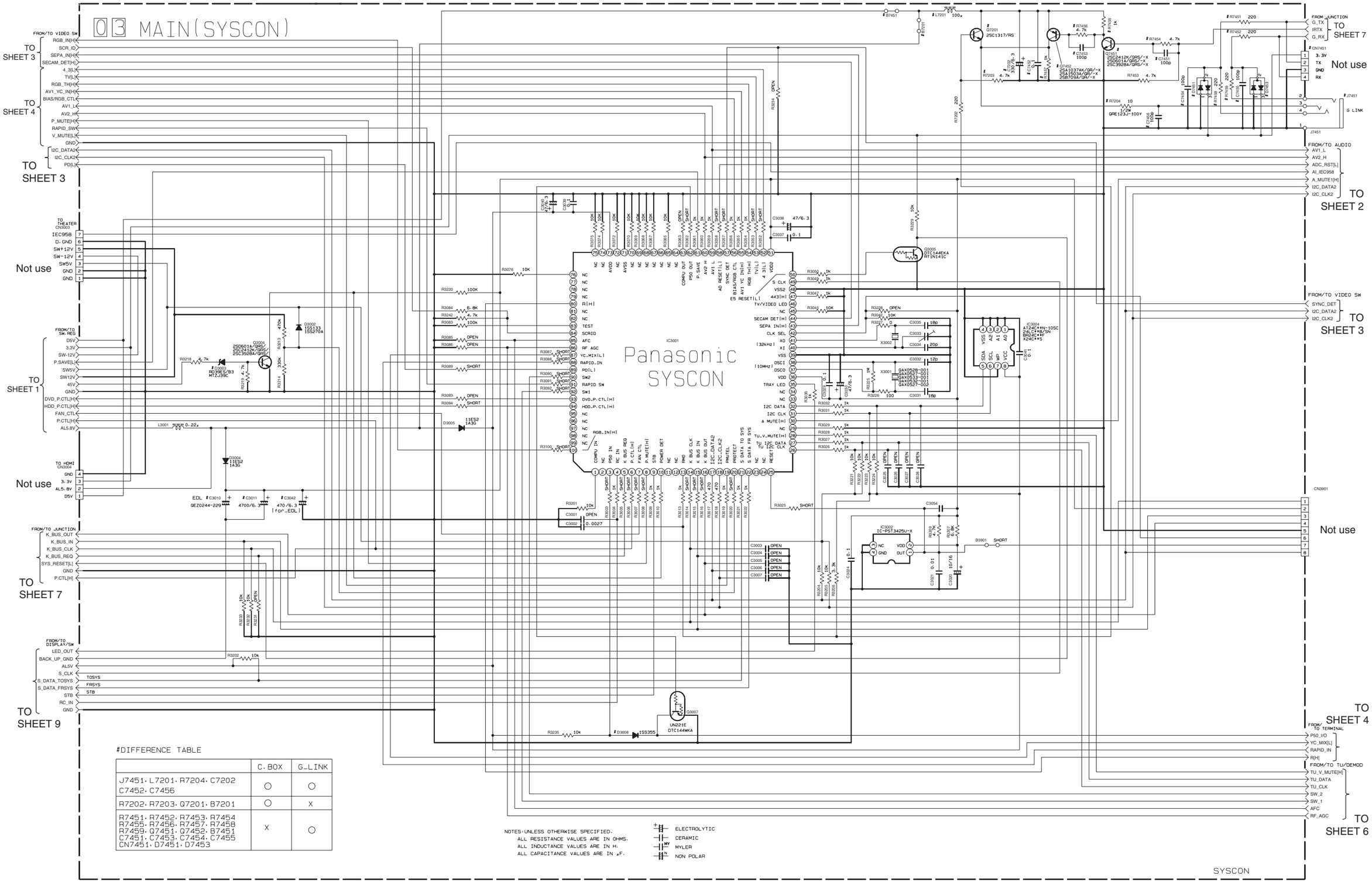
■ Input/output terminal section



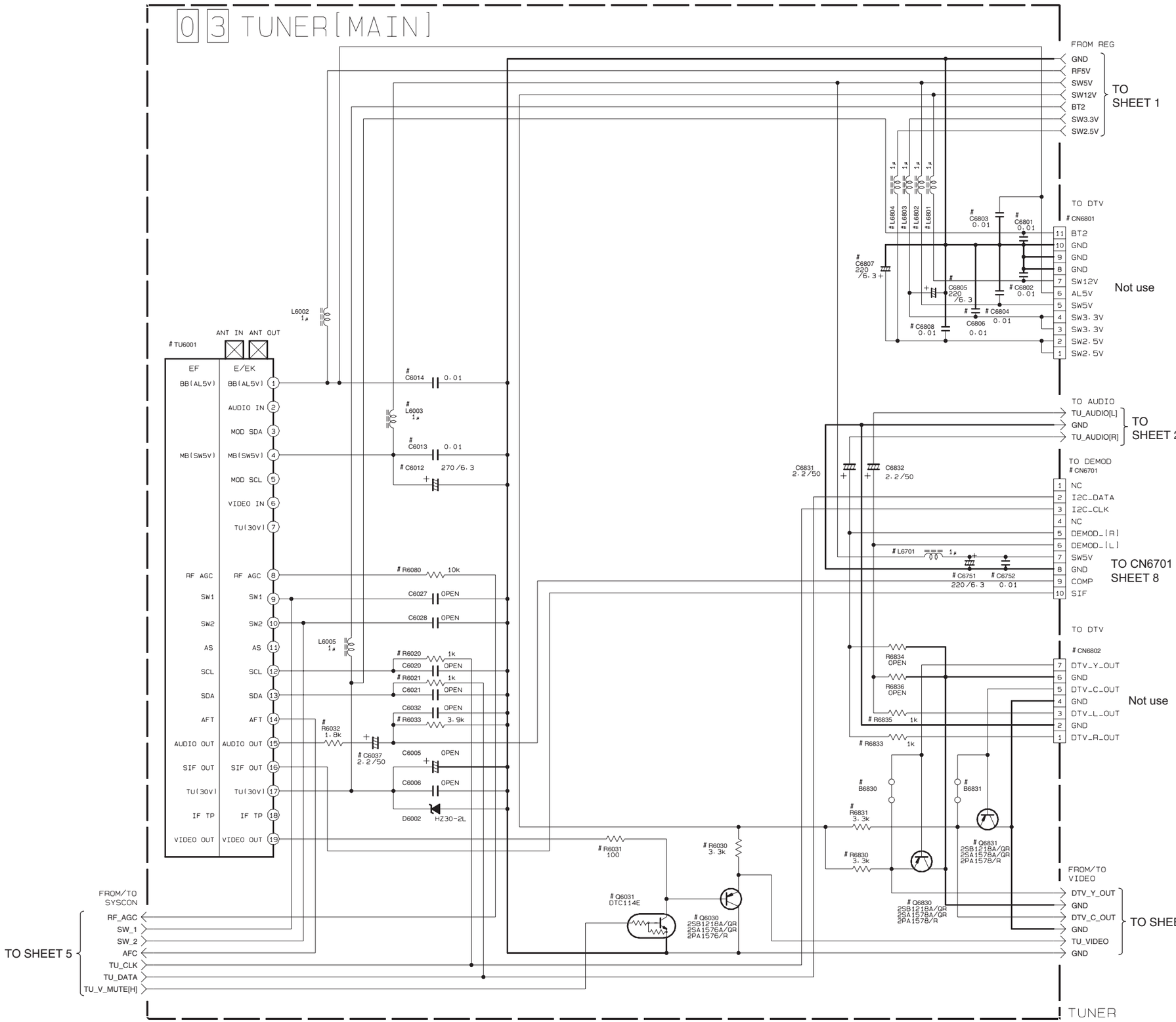
A B C D E F G

2-17 2-18

■ System controller section



■ Tuner section



DIFFERENCE TABLE

FUNCTION		SYMBOL	M100		M150
			EZ/ER/EL EU/EK/EY /AA/AG	EF	EK
ANALOG TUNER					
	TUNER	TU6001	SAMSUNG QAU0401	SAMSUNG QAU0402	×
	BB(AL5V)	C6014	○	○	×
	MB(SW5V)	L6003	○	○	×
		C6012	×	○	×
		C6013	○	○	×
	RF AGC	R6080	○	○	×
	SCL	R6020	○	○	×
	SDA	R6021	○	○	×
	AUDIO OUT	R6032 R6033 C6037	×	○	×
	VIDEO OUT	R6030 R6031 Q6030	○	○	×
	VIDEO MUTE	Q6031	×	×	×
DEMOD					
	VCC	L6701	○	○	×
		C6751	×	×	×
		C6752	×	×	×
	DEMOD UNIT	CN6701	○	○	×
DIGITAL TUNER					
	REG	CN6801	×	×	○
	BT2	C6801	×	×	×
	SW12V	L6801	×	×	○
		C6802	×	×	×
	AL5V	C6803	×	×	×
	SW5V	L6802	×	×	○
		C6804	×	×	×
	SW3.3V	L6803	×	×	○
		C6805	×	×	×
		C6806	×	×	×
	SW2.5V	L6804	×	×	○
		C6807	×	×	×
		C6808	×	×	×
	SIGNAL	CN6802	×	×	○
	Y OUT	R6830 Q6830	×	×	×
		B6830	×	×	○
	C OUT	R6831 Q6831	×	×	×
		B6831	×	×	○
	L OUT	R6835	×	×	○
	R OUT	R6833	×	×	○

NOTES:UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

+ ELECTROLYTIC
CERAMIC
MY MYLER
N NON POLAR

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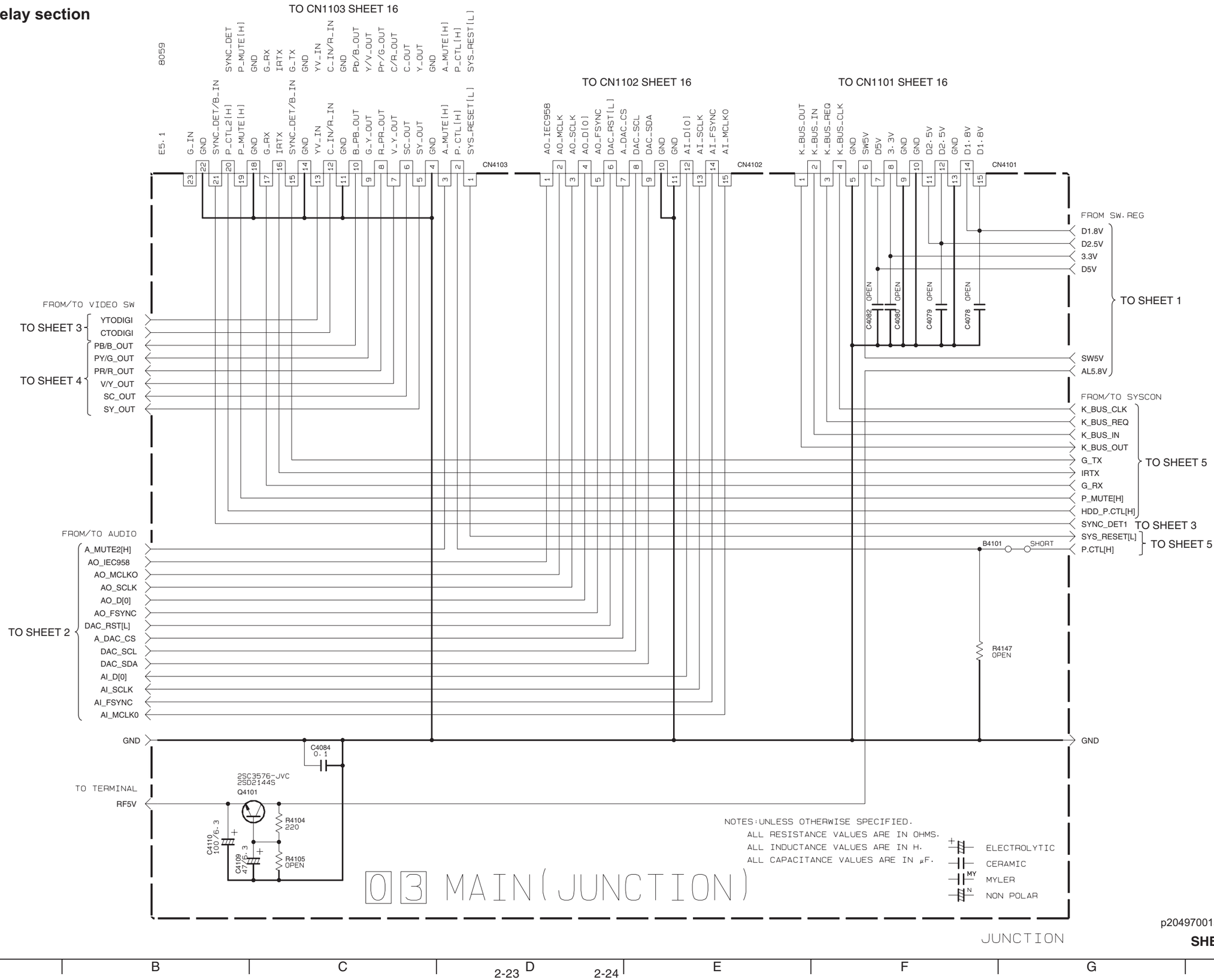
SHEET 6

■ Input/output relay section



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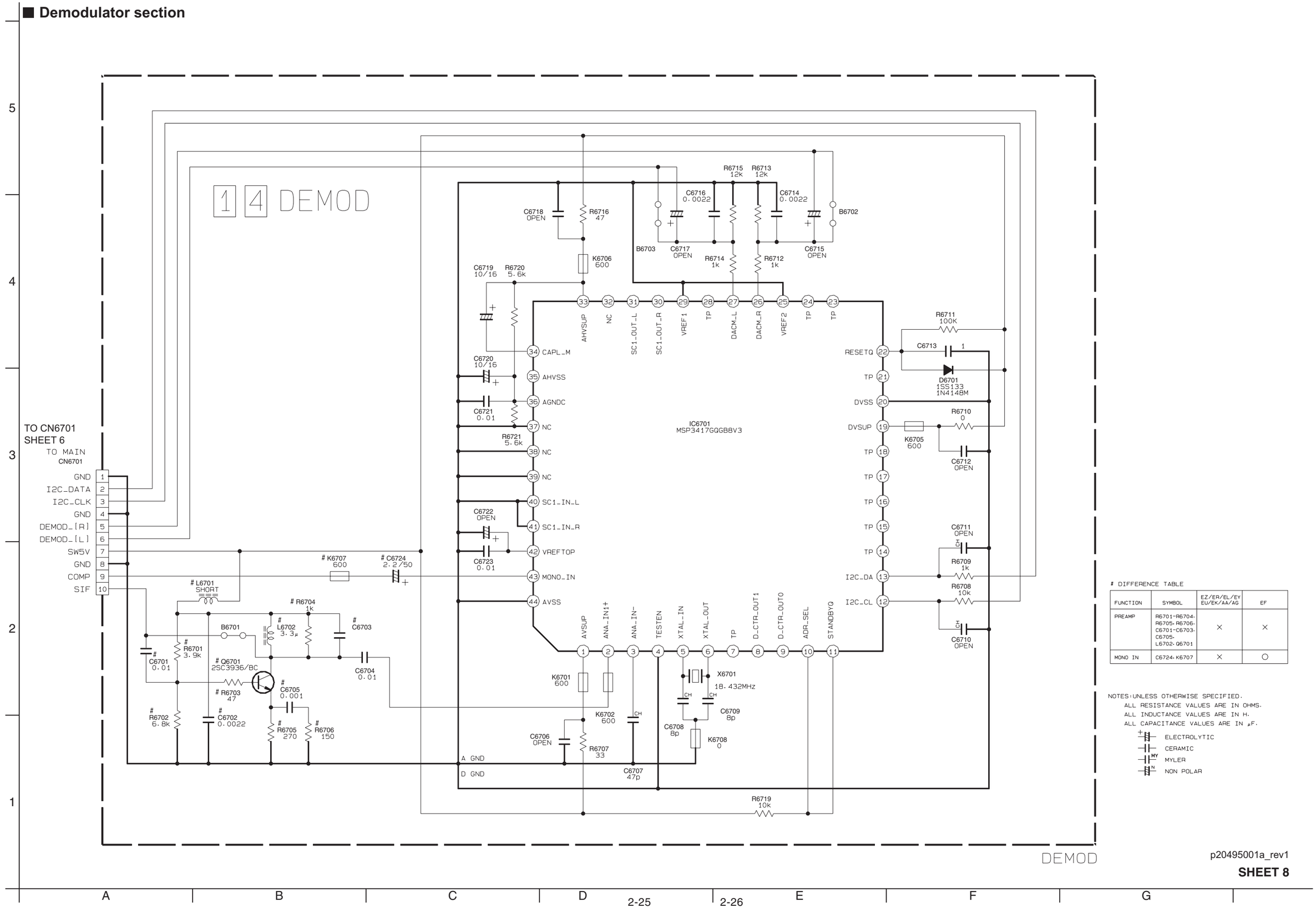
SHEET 7

■ Demodulator section



DIFFERENCE TABLE

FUNCTION	SYMBOL	EZ/ER/EL/EY EU/EK/AA/AG	EF
PREAMP	R6701-R6704, R6705, R6706, C6701-C6703, C6705, L6702, Q6701	×	×
MONO IN	C6724, K6707	×	○

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC
MYLER
NON POLAR

DEMOD

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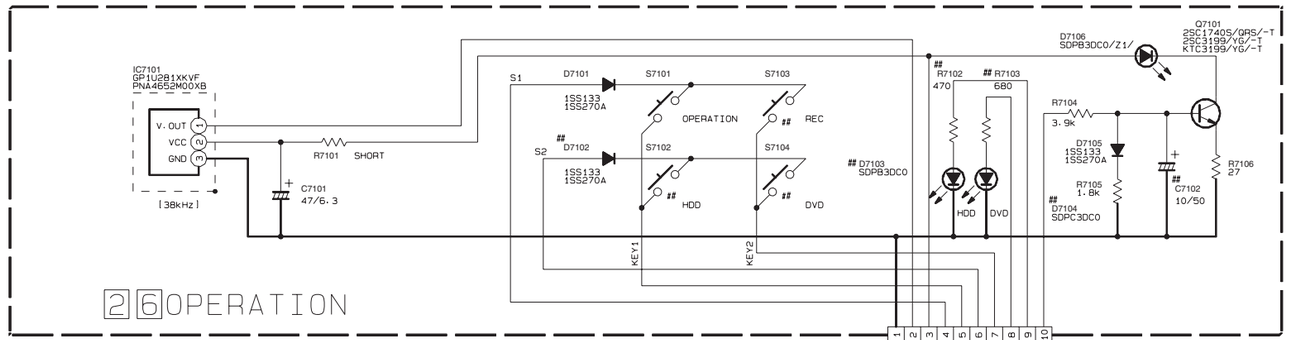
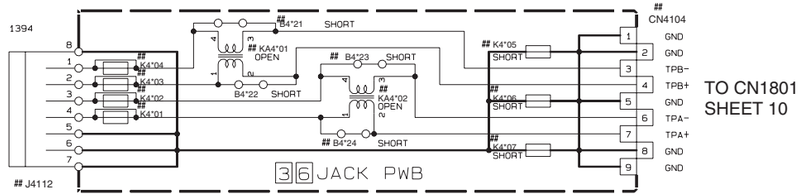
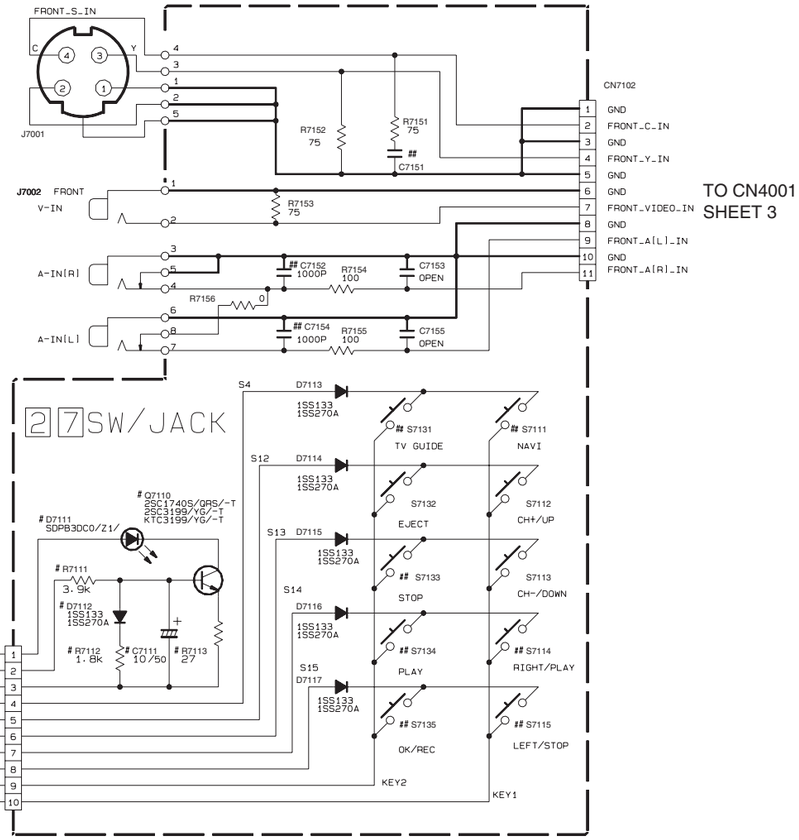
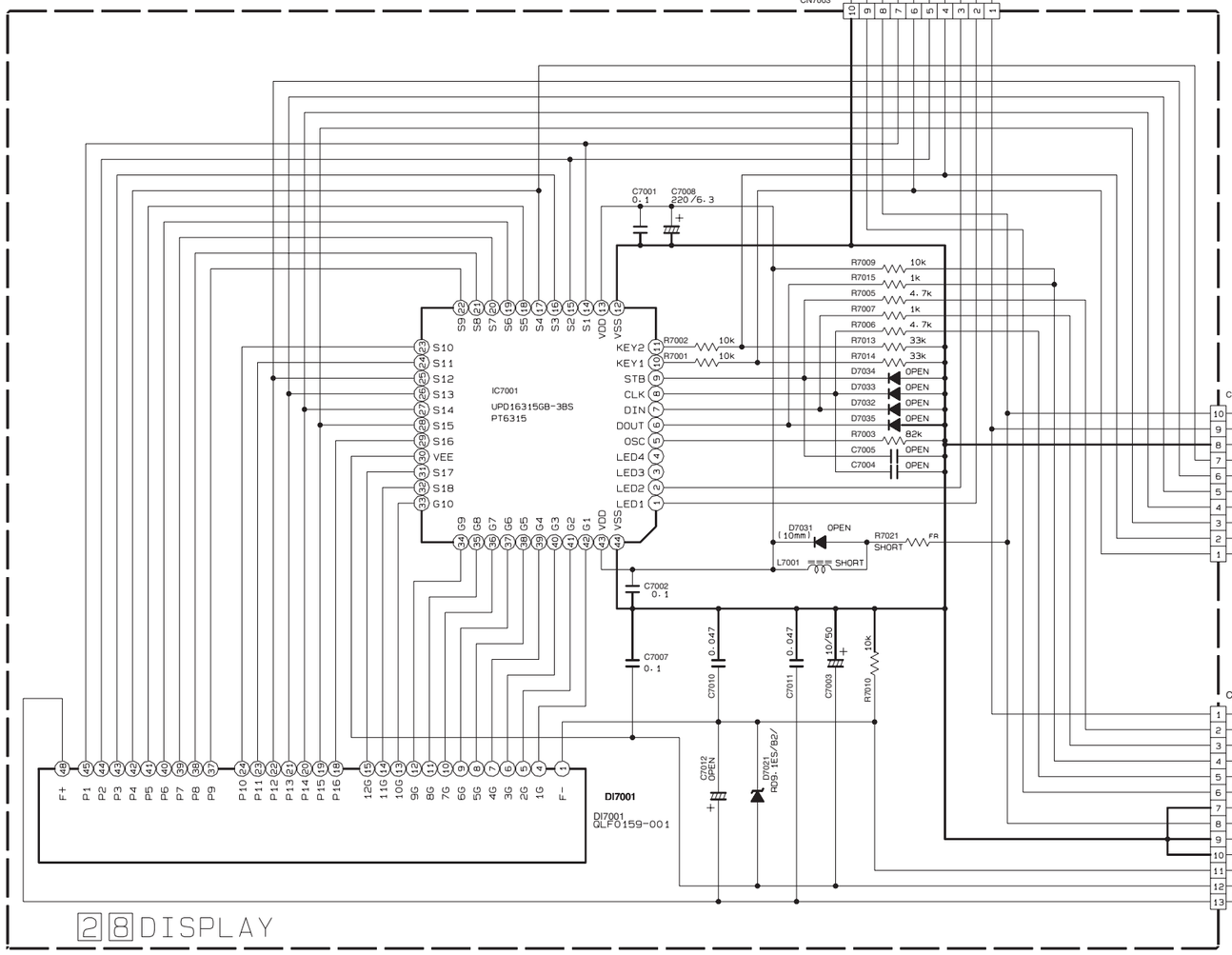
SHEET 8

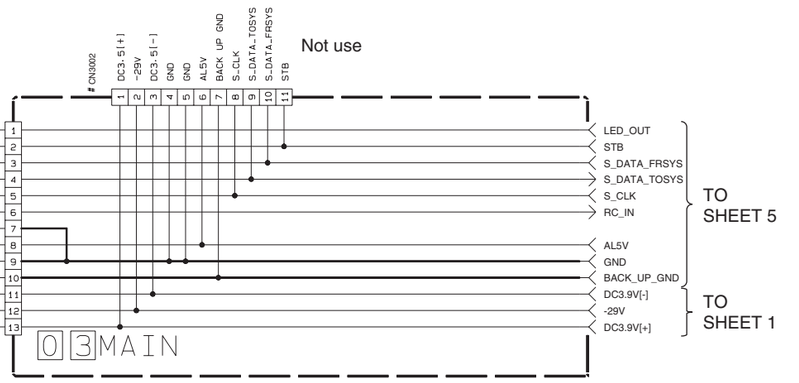
■ FL Display and operation switch section











Parts are not attach

DIFFERENCE TABLE

	S7102	S7103	S7104	S7111	S7114	S7115	S7131	S7133	S7134	S7135	C7102	R7102·R7103·D7102 D7103·D7104·D7113	3 6 JACK PWB
M100	×	×	×	×	PLAY	STOP	×	×	×	REC	×	×	No. 4100 ##*
MH300	HDD	REC	DVD	NAVI	RIGHT	LEFT	TV GUIDE	STOP	PLAY	OK	○	○	No. 4200 ##*

		C7151	C7152 C7154
NTSC	JAPAN	0.01	×
	OTHER	SHORT	×
PAL		SHORT	○

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

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CERAMIC
MYLER
NON POLAR

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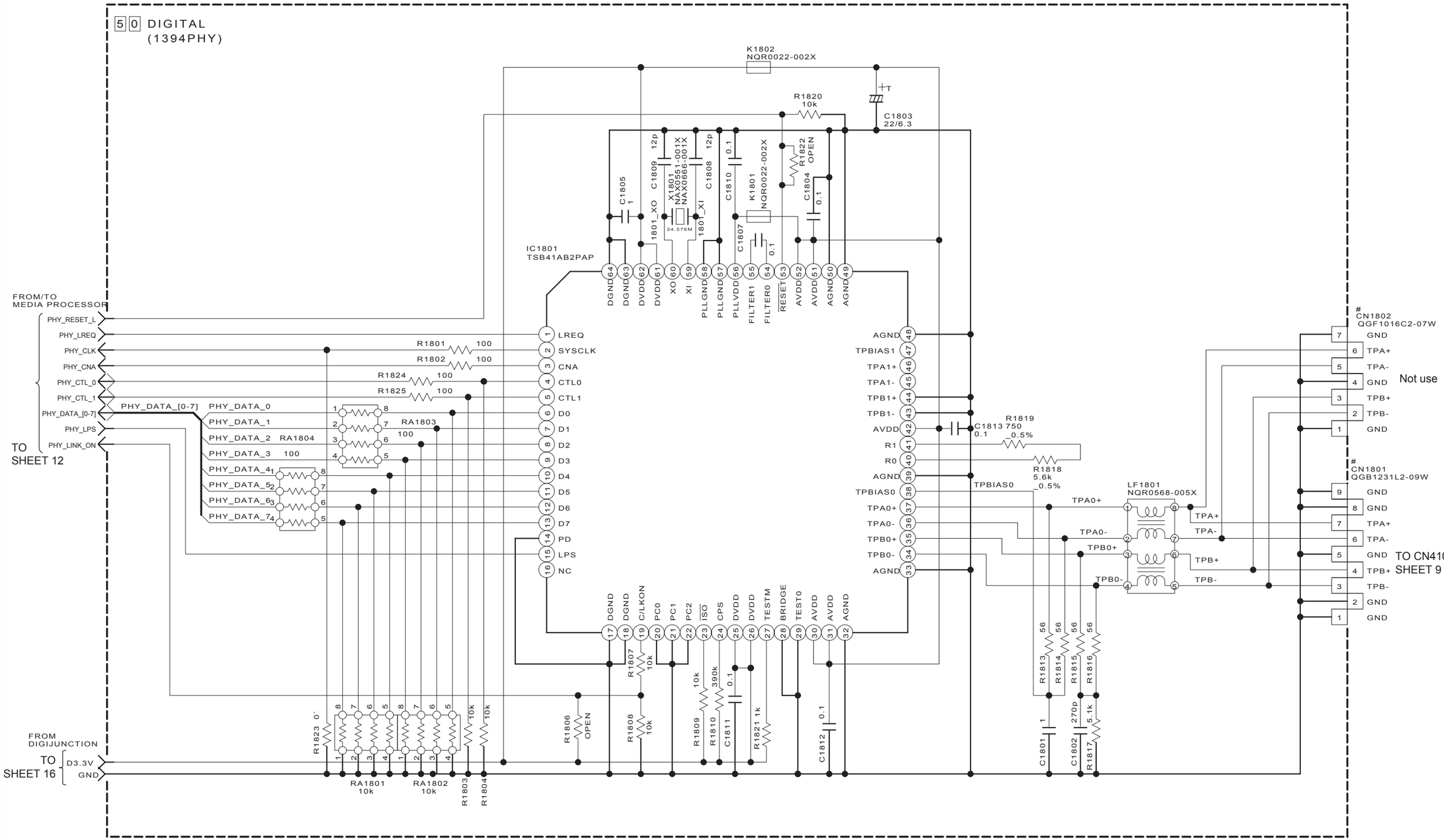
SHEET 9

■ IEEE1394 Section

50 DIGITAL
(1394PHY)



1394PHY

NOTES:UNLESS OTHERWISE SPECIFIED.

ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN Fμ

ELECTROLYTIC
CERAMIC
OS ORGANIC SEMICONDUCTOR
T TANTAL

MARK

Ref / Dest Key	CN1801	CN1802
THEATER	NO	YES
OTHER	YES	NO

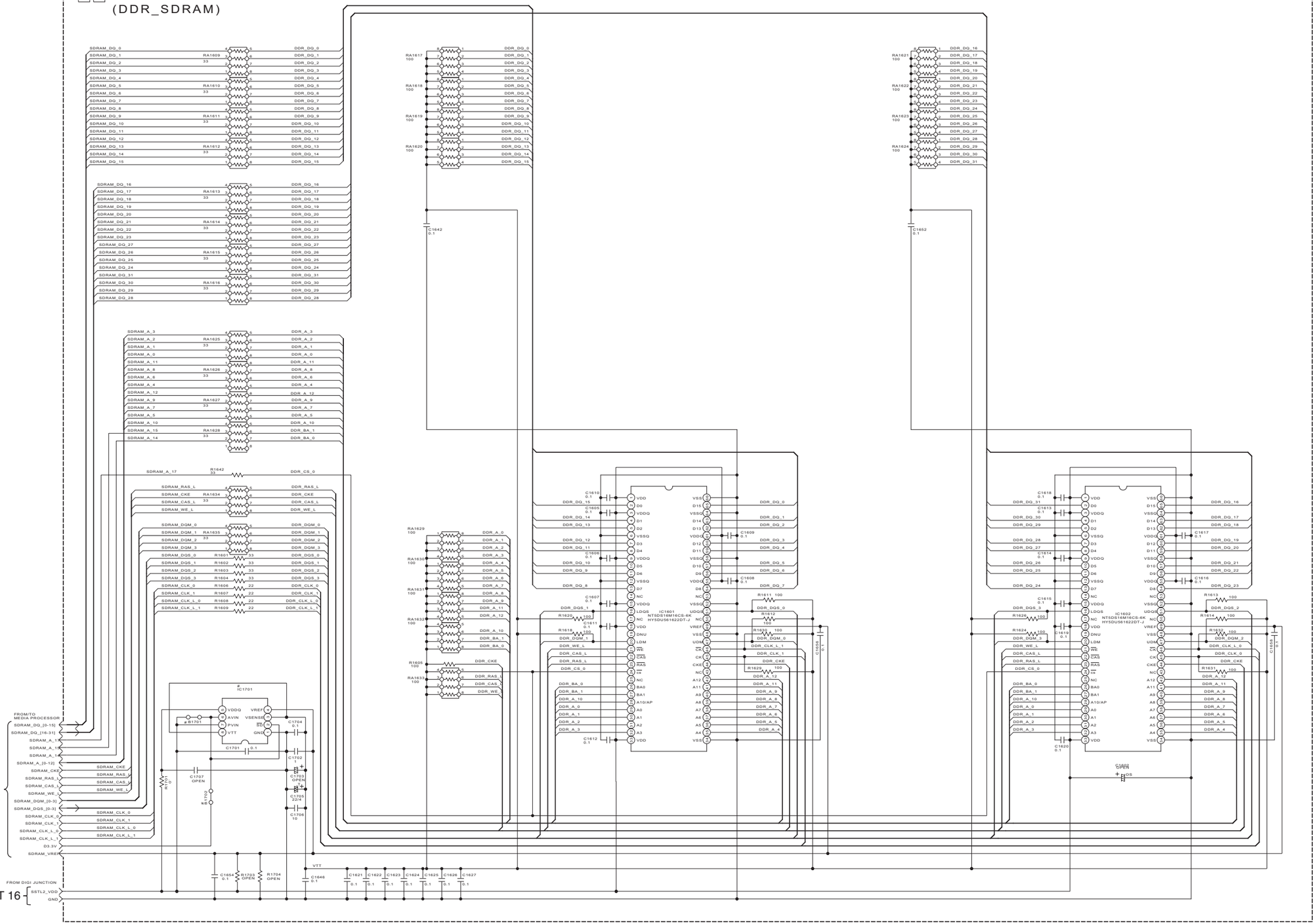
p30137001a_rev0

SHEET 10

■ DDR SDRAM Section

5 0 DIGITAL
(DDR_SDRAM)

DDR_SDRAM



# MARK			
Dest / Ref Key	IC1701	B1701	B1702
NTSC	LP2996MR-X	YES	NO
PAL	BD3533F-X	NO	YES

NOTES:UNLESS OTHERWISE SPECIFIED
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN F.

ELECTROLYTIC
CERAMIC
ORGANIC SEMICONDUCTOR
TANTAL

DDR SDRAM

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SHEET 11

■ Media processor section

IC1401
DMA8602-B0

TO SHEET 11 (SDRAM_DQ_[0-15], SDRAM_DQ_[16-31], SDRAM_DQS_[0-3], SDRAM_DQM_[0-3], SDRAM_A_[0-12], SDRAM_A_14, SDRAM_A_15, SDRAM_A_17, SDRAM_CAS_L, SDRAM_RAS_L, SDRAM_CKE, SDRAM_WE_L, SDRAM_CLK_0, SDRAM_CLK_L_0, SDRAM_CLK_1, SDRAM_CLK_L_1, SDRAM_VREF)

TO SHEET 16 (AO_D_0, AO_SCLK, AO_FSYNC, AO_IEC958, AO_MCLKO, AI_D_0, AI_SCLK, AI_FSYNC, AI_MCLKO, V_Y_OUT, SY_OUT, SC_OUT, G_Y_OUT, B_PB_OUT, R_PR_OUT)

Not use — CN1401 OPEN (TRST, TDI, TDO, TMS, TCK, GND)

TO SHEET 13 (FROM/TO VIDEO DECORDER: VI_D_[2-9], VIDEO_27M)

TO SHEET 10 (FROM/TO 1394 PHY: PHY_CNA, PHY_DATA_[0-7], PHY_CTL_1, PHY_CTL_0, PHY_LREQ, PHY_LPS, PHY_LINK_ON, PHY_CLK)

TO SHEET 16 (FROM/TO DIGI JUNCTION: VDDI1.8, SSTL2_VDD, D3.3V, GND, D5.0V)

TO SHEET 15 (FROM/TO FLASH MEMORY: ALE, ES_RESET_L, OE_L/IDS_L, UWE_L/UDS_L, ELINK_INT_L, RD/WR_L, WAIT_L, DTACK_L, CS_1, CS_0; MADD_22, MADD_[1-5], MADD_[6-21], MDT_[0-15], UART2_TX, UART2_RX)

TO SHEET 10 (FROM/TO 1394 PHY: PHY_RESET_L)

TO SHEET 16 (FROM/TO DIGI JUNCTION: PAC_RST_L)

TO SHEET 14 (FROM/TO ATAPI IF: ATA_ADD_[0-4], ATA_DAT_[0-15], ATA_RESET, ATA_DMAACK_L, ATA_DMARQ, ATA_IORDY, ATA_INTRQ, ATA_DIOR_L, ATA_DIOW_L)

Not use — CN1404 (I2C_DATA, I2C_CLK, GND, UP_IRQ, RESET)

TO SHEET 16 (FROM/TO DIGI JUNCTION: K_BUS_CLK, K_BUS_REQ, SYS_RESET_L, K_BUS_OUT, K_BUS_IN)

TO SHEET 16 (FROM/TO DIGI JUNCTION: SPI_CLK, A_DAC_CS, SPI_MOSI, A_MUTE2_H, G_TX, G_RX, IRTX)

TO SHEET 13 (FROM/TO VIDEO DECORDER: SIO_SCL, SIO_SDA, ES_RESET_L)

Not use — B1402 OPEN, B1404

Not use — GDA200YC2-04W CN1402 (D3.3V, AUP_TX, AUP_RX, GND, JWUP_MX)

MEDIA PROCESSOR

IC1404 SN74HCT08APW

## MARK	Ref	R1483	CN1402
Dest / Key			
DR-MV5		100	NO
OTHER		820	YES

# MARK	Ref	CN1404	B1404	R1457
Dest / Key				
DR-M150		YES	YES	YES
OTHER		NO	NO	NO

NOTES:UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN F_p

ELECTROLYTIC
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ORGANIC SEMICONDUCTOR
TANTAL

5 0 DIGITAL

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SHEET 12

■ Video decoder section

5 0 DIGITAL (TI_DEC)

FROM/TO DIGI JUNCTION
D3.3V
VDDI1.8
SW5.0V
VY_IN
C_IN
GND
TO SHEET 16

K1901 NQR0022-002X
K1902 NQR0022-002X

22/6.3 C1901
22/6.3 C1902
C1915 1
C1913 1
C1916 1
C1914 1
R1913 10k
TL1905 TL1904 TL1903
R1901 390
R1902
L1901
C1905
C1918
Q1901 2SA1530A/QR/ 2SA1037AK/QR/ 2SB709A/QR/
C1903 0.1
C1904 22/6.3
Q1903 2SC3928A/QRS/ 2SC2412K/QRS/ 2SD601A/QRS/
R1914 100
R1915 180

IC1901 TVP5150A

1	AIP1A	2	AIP1B	3	PLL_AGND	4	PLL_AVDD	5	XTAL1/OSC	6	XTAL2	7	AGND	8	RESETB	
32	CH_AVDD	31	CH_AGND	30	REFM	29	REFP	28	PDN	27	INTERQ/GPCL	26	AVID	25	HSYNC	
24	VSYNC/PALI	23	FID/GLCO	22	SDA	21	SCL	20	DVDD	19	DGND	18	YOUT0	17	YOUT1	
9	PCLK/SCLK	10	IO_DVDD	11	YOUT7/I2CSEL	12	YOUT6	13	YOUT5	14	YOUT4	15	YOUT3	16	YOUT2	

C1906 0.1
C1907 0.1
C1908 0.1
C1909 12p
C1910 12p
R1905 100k
X1901 NAX0733-001X 14.31818M
R1906 1k
C1917 OPEN
C1912 0.1
TL1902
TL1901
R1909 2.2k
R1910 2.2k
R1912 OPEN
R1911 OPEN
R1917 OPEN
R1907 100
C1911 0.1
R1908 10k
TVP_OUT7
RA1902 100
RA1901 100
TL1906

VI_D_9 VI_D_8 VI_D_7 VI_D_6 VI_D_5 VI_D_4 VI_D_3 VI_D_2

FROM/TO MEDIA PROCESSOR
E5_RESET_L
TO SHEET 12

FROM/TO MEDIA PROCESSOR
SIO_SCL
SIO_SDA
VI_D_[2-9]
VIDEO_27M
TO SHEET 12

VIDEO DECORDER

MARK

Ref / Dest Key	R1902	L1901	C1905	C1918
NTSC	0`	OPEN	0`	OPEN
PAL	100	1.8u	5p	100p

NOTES:UNLESS OTHERWISE SPECIFIED
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN Fμ

ELECTROLYTIC
CERAMIC
OS ORGANIC SEMICONDUCTOR
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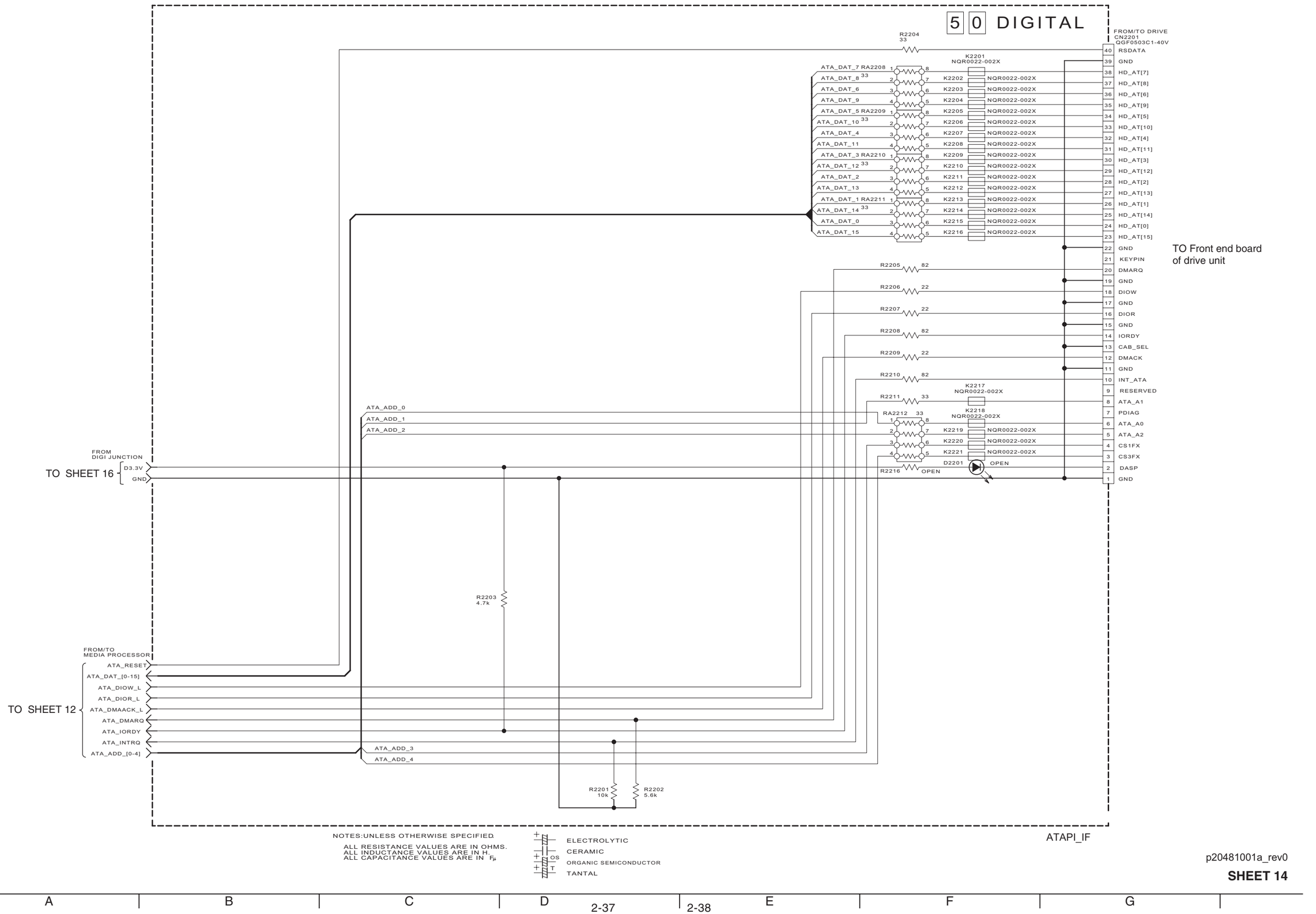
SHEET 13

■ ATAPI Interface section



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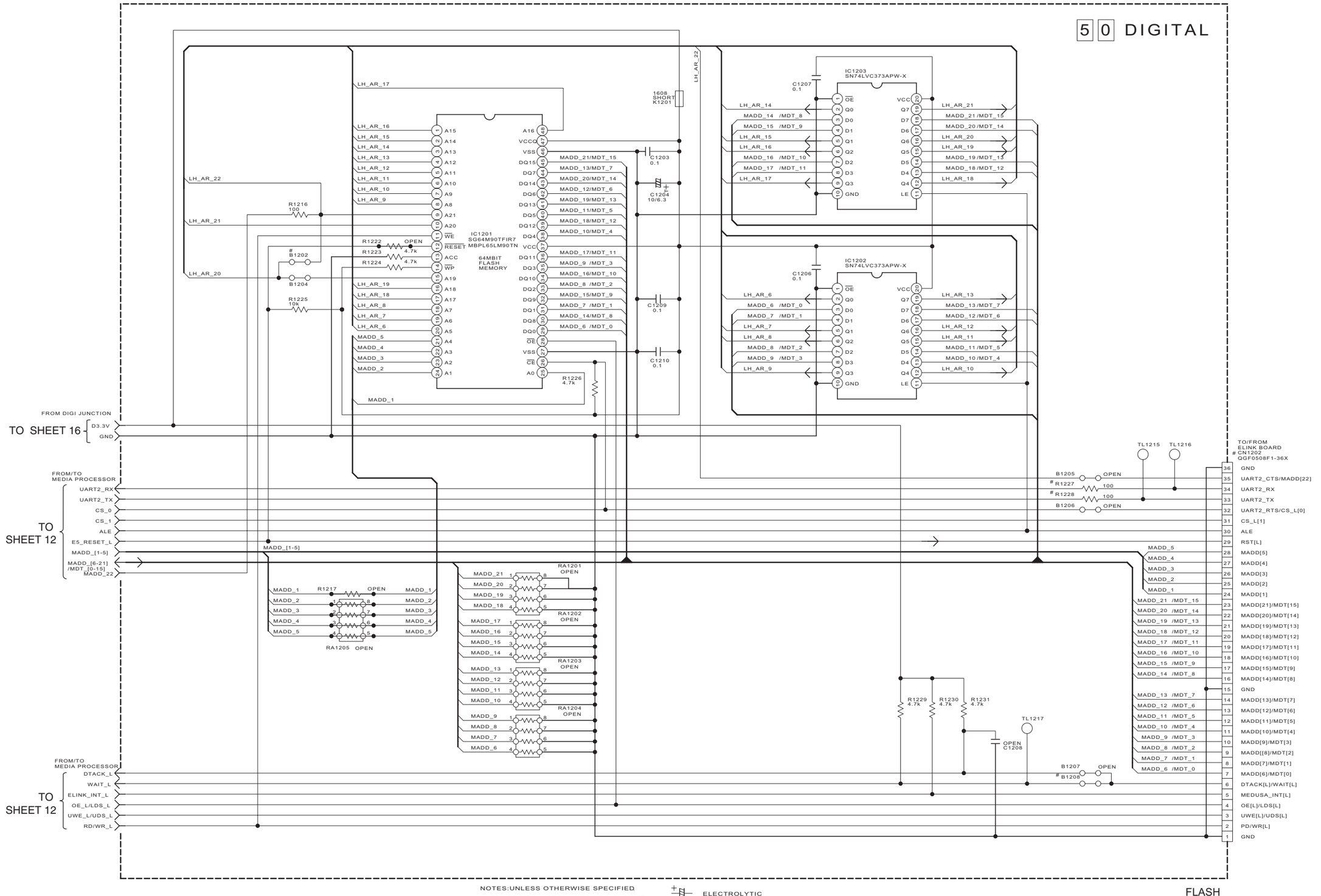
SHEET 14

■ FLASH-ROM section



NOTES:UNLESS OTHERWISE SPECIFIED.

ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN Fμ

ELECTROLYTIC
CERAMIC
ORGANIC SEMICONDUCTOR
TANTAL

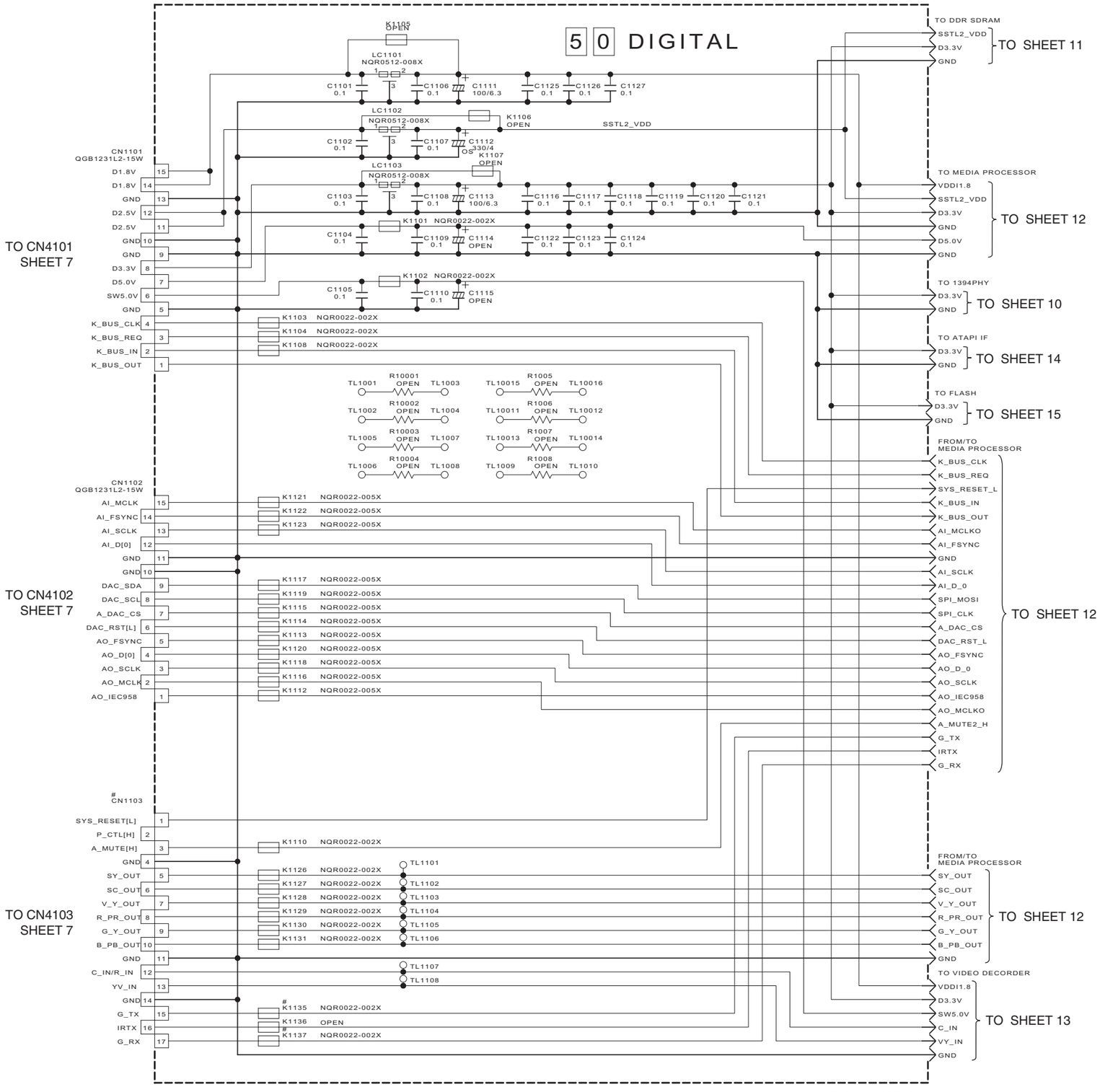
MARK ARE NOT MOUNTED.

FLASH

p20480001a_rev0

SHEET 15

■ Digital junction section



NOTES:UNLESS OTHERWISE SPECIFIED

ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN Fμ

ELECTROLYTIC
CERAMIC
OS ORGANIC SEMICONDUCTOR
T TANTAL

MARK

Ref / Dest / Key	CN1103	K1135 K1137
DR-MV5	QGF1016C2-17W	YES
OTHER	QGF1016C2-15W	NO

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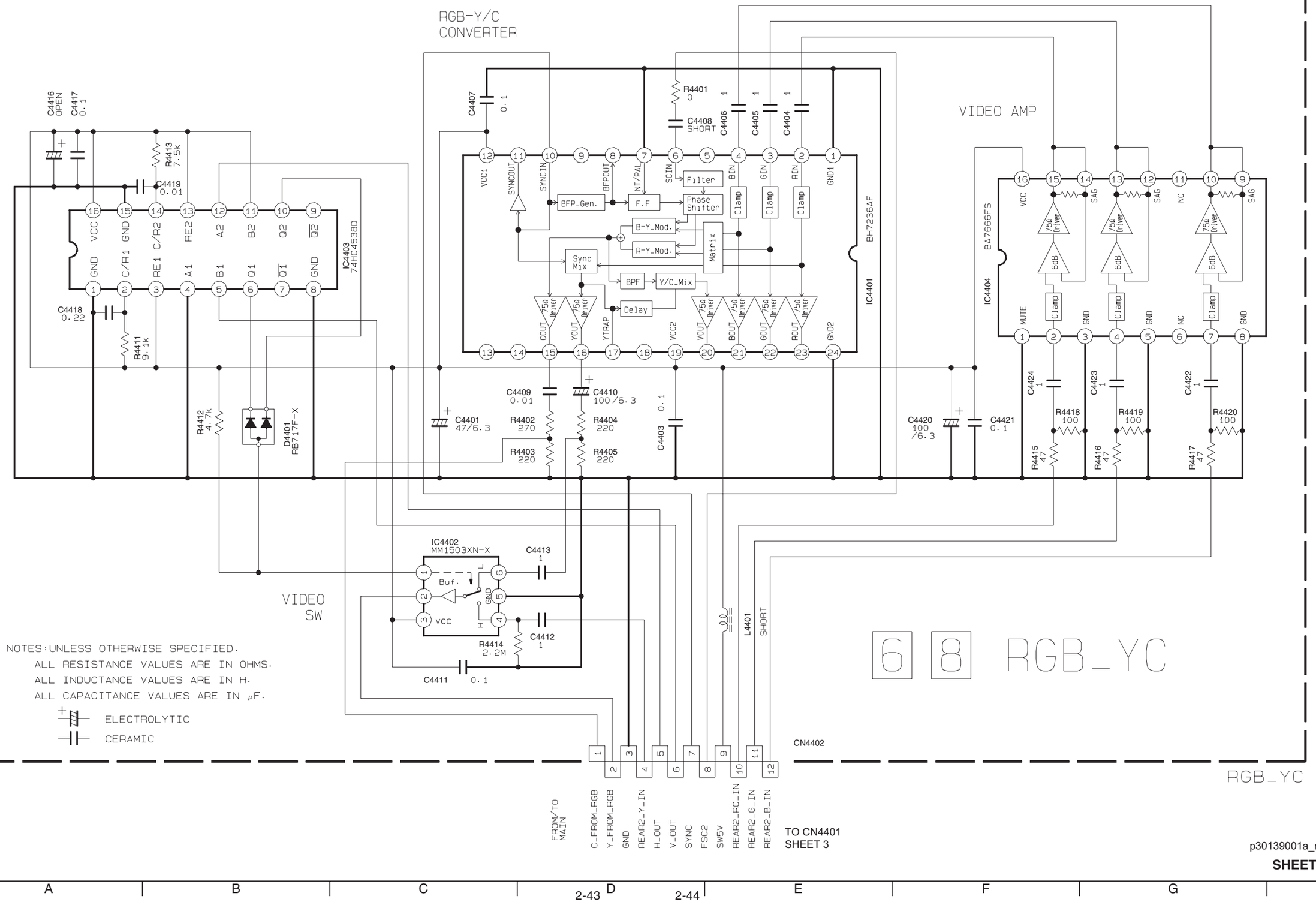
SHEET 16

■ RGB-Y/C Converter section



NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC

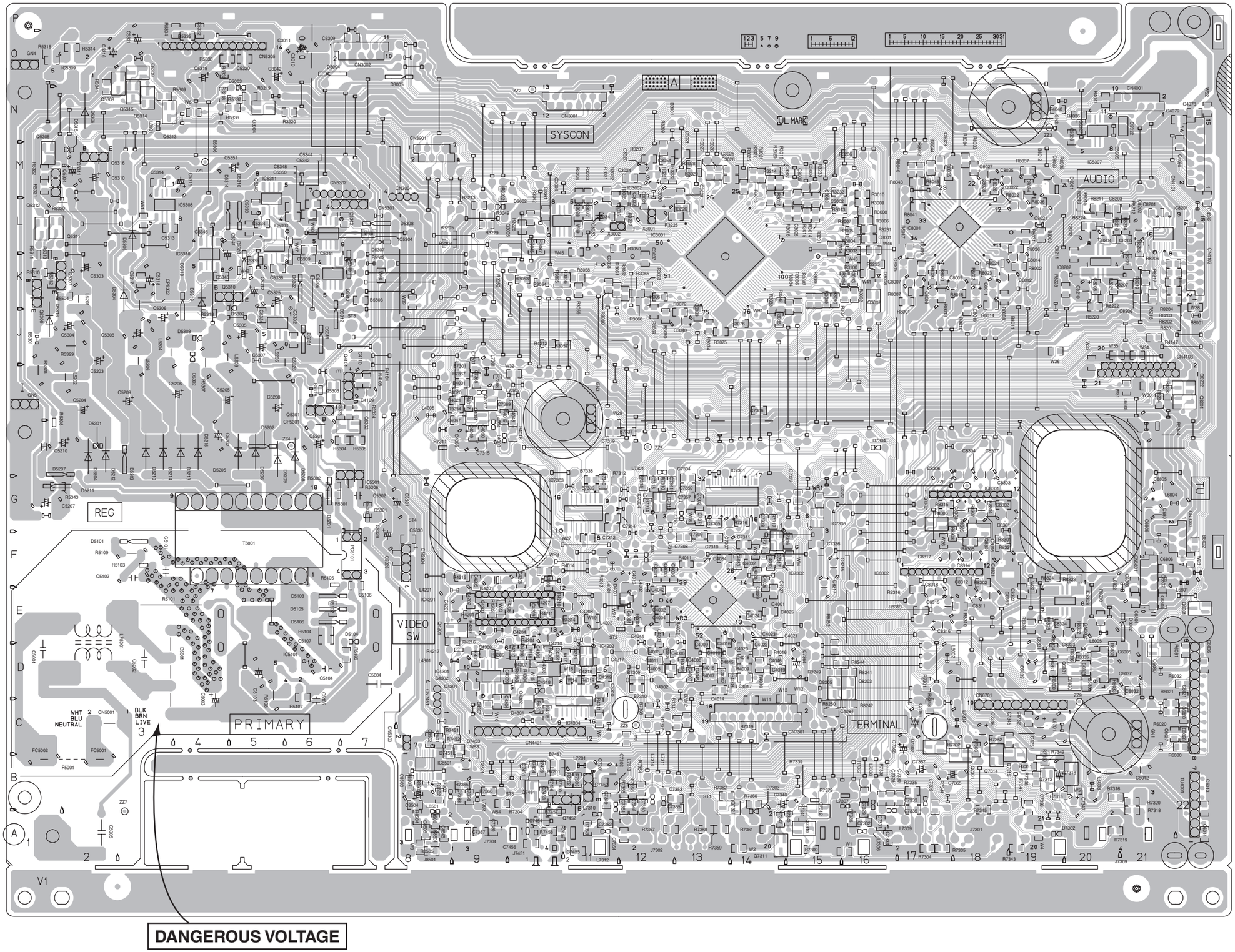
p30139001a_rev0

SHEET 17

Printed circuit boards

■ Main board

<03> LPB10284-001B



COMPONENT PARTS LOCATION GUIDE <MAIN> LPB10284-001B

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR		C5304	A D 1J	C7455	B C 11A	D5320	A D 5K	Q7316	B C 20B	R4202	B C 9E	R7451	B C 9C
C3001	B C 16L	C5305	A D 5J	C7456	B C 10A	D5321	A D 6J	Q7317	B C 9I	R4203	B C 9E	R7452	B C 9C
C3002	B C 15L	C5306	A D 3J	C8005	A D 17K	D5322	A D 6K	Q7321	B C 13B	R4204	B C 10E	R7453	B C 10B
C3003	B C 15L	C5307	A D 5J	C8007	A D 17K	D5323	A D 6K	Q7451	B C 10B	R4206	B C 10E	R7454	B C 10B
C3004	B C 15L	C5308	A D 3J	C8008	A D 17K	D6002	A D 21D	Q7452	A D 11B	R4209	B C 10F	R7455	B C 10B
C3005	B C 15L	C5309	B C 7O	C8009	A D 17K	D7302	A D 20A	Q8201	B C 22I	R4210	B C 10E	R7456	B C 10B
C3006	B C 15M	C5310	A D 2M	C8010	A D 18K	D7303	A D 14A	Q8202	B C 22I	R4211	B C 10E	R7457	B C 10A
C3007	B C 15L	C5311	A D 2M	C8011	A D 18K	D7304	A D 16H	Q8203	B C 16D	R4212	B C 10J	R7458	B C 10A
C3010	A D 6O	C5312	A D 5K	C8012	A D 18K	D7451	B C 8C	Q8205	B C 15D	R4215	B C 9F	R7459	B C 10A
C3011	A D 6O	C5313	B C 3L	C8014	A D 19K	D7453	B C 9C	Q8301	B C 18G	R4216	B C 9E	R8001	B C 17K
C3020	A D 12M	C5314	B C 3M	C8021	A D 19L	D8001	B C 20M	Q8302	B C 17G	R4217	A D 9D	R8002	B C 19K
C3021	B C 13M	C5315	A D 4M	C8022	A D 19L					R4304	B C 10D	R8007	B C 17K
C3024	B C 12M	C5316	A D 2O	C8023	A D 19M	FUSE		RESISTOR		R4305	B C 10D	R8008	B C 18K
C3025	B C 14M	C5317	B C 3K	C8024	B C 19M	F5001	A D 2B	R3003	B C 16L	R4306	B C 10D	R8013	B C 17K
C3026	B C 14M	C5318	A D 3K	C8025	A D 18M			R3004	B C 16L	R4307	B C 10D	R8014	B C 18K
C3027	B C 11L	C5319	A D 4O	C8026	B C 18M	IC		R3005	B C 16L	R4308	B C 10D	R8015	B C 18K
C3028	B C 11L	C5320	B C 5O	C8027	A D 18M	IC3001	B C 13K	R3006	B C 16L	R4309	B C 9D	R8016	B C 18K
C3029	B C 13M	C5321	A D 3P	C8028	B C 18M	IC3002	B C 12M	R3007	B C 16L	R4310	B C 10D	R8017	B C 17L
C3030	A D 12L	C5322	B C 4O	C8029	B C 17M	IC3004	B C 10L	R3008	B C 16L	R4311	B C 11C	R8019	B C 17K
C3031	B C 12L	C5323	B C 6J	C8201	B C 21L	IC4001	B C 13E	R3009	B C 16L	R4313	B C 9D	R8020	B C 17K
C3032	B C 12L	C5324	B C 5J	C8202	A D 21L	IC4201	A D 9E	R3010	B C 16M	R4314	B C 11E	R8021	B C 17K
C3033	A D 11L	C5325	A D 6K	C8203	B C 20L	IC4202	B C 11D	R3013	B C 15L	R4317	B C 10C	R8022	B C 18K
C3034	B C 11L	C5326	B C 20N	C8204	B C 20L	IC4301	B C 9D	R3014	B C 15L	R4318	B C 10C	R8023	B C 18K
C3035	B C 12L	C5327	B C 20N	C8205	B C 21L	IC4304	B C 11C	R3015	B C 15L	R4319	B C 11D	R8024	B C 18K
C3037	B C 12K	C5328	B C 8F	C8206	B C 21K	IC5101	A D 6D	R3016	B C 15L	R5101	A D 4E	R8026	B C 19L
C3038	A D 11K	C5329	A D 7G	C8207	B C 21K	IC5301	A D 7H	R3017	B C 14L	R5102	B C 6E	R8031	B C 19L
C3039	B C 13J	C5330	B C 8F	C8208	B C 20K	IC5302	B C 5J	R3018	B C 14L	R5103	A D 3F	R8032	B C 19M
C3040	A D 13J	C5331	A D 8G	C8209	B C 21K	IC5303	B C 5L	R3019	B C 14M	R5104	B C 6E	R8033	B C 18M
C3041	B C 10L	C5332	B C 21N	C8210	A D 20K	IC5304	B C 6L	R3020	B C 14M	R5105	A D 7F	R8034	B C 18M
C3042	A D 6O	C5333	B C 5L	C8211	B C 20K	IC5306	B C 6K	R3021	B C 14M	R5106	B C 7D	R8035	B C 17M
C3054	B C 12M	C5334	B C 5L	C8212	A D 20L	IC5307	B C 20N	R3022	B C 14M	R5107	B C 6D	R8036	B C 19L
C4001	B C 12E	C5335	B C 5K	C8215	A D 15F	IC5308	B C 3L	R3025	B C 14M	R5108	A D 5C	R8037	B C 19M
C4002	B C 12E	C5336	B C 5K	C8217	A D 15F	IC5309	A D 2O	R3026	B C 13M	R5109	A D 3F	R8038	A D 19L
C4003	B C 12E	C5339	B C 6K	C8301	A D 19G	IC5310	B C 4K	R3027	B C 13M	R5301	B C 6G	R8040	B C 17M
C4004	B C 12E	C5340	B C 7K	C8302	B C 18G	IC5311	B C 5L	R3028	B C 13M	R5302	B C 6G	R8041	B C 17L
C4005	B C 12D	C5341	B C 6L	C8303	A D 19H	IC7301	B C 14G	R3029	B C 13M	R5303	B C 7G	R8042	B C 17M
C4006	B C 13D	C5342	B C 6L	C8304	A D 18H	IC7302	B C 14F	R3031	B C 11M	R5304	B C 7H	R8043	B C 17M
C4007	B C 13D	C5343	B C 7L	C8305	A D 18G	IC7303	B C 11G	R3032	B C 11L	R5305	B C 7H	R8044	B C 17M
C4008	B C 13D	C5344	B C 6L	C8306	A D 17H	IC7304	B C 12G	R3033	B C 12L	R5306	B C 7G	R8045	B C 17M
C4009	B C 13D	C5345	B C 4K	C8307	A D 18H	IC7305	B C 15G	R3042	B C 10L	R5307	A D 4J	R8201	B C 21K
C4010	B C 13D	C5346	B C 4L	C8308	A D 18G	IC8001	B C 18L	R3045	B C 10L	R5308	A D 1H	R8202	B C 21K
C4011	B C 12D	C5347	A D 4L	C8311	A D 18E	IC8201	B C 21L	R3047	B C 10L	R5309	B C 3N	R8203	B C 21K
C4012	B C 13D	C5348	B C 6L	C8312	B C 18F	IC8202	B C 20K	R3049	B C 9L	R5310	B C 1K	R8204	B C 21K
C4013	A D 12F	C5349	B C 5L	C8313	A D 18E	IC8301	A D 17G	R3050	B C 11L	R5311	A D 1K	R8205	B C 21L
C4014	B C 13D	C5350	B C 6L	C8314	A D 18F	IC8302	A D 17F	R3052	B C 10K	R5312	B C 1K	R8206	B C 21K
C4015	B C 13D	C5351	A D 5M	C8315	A D 17E	IC8303	B C 20E	R3053	B C 10K	R5313	A D 1K	R8211	B C 20L
C4016	B C 13D	C6005	A D 21D	C8316	A D 17E	IC8501	B C 8B	R3054	B C 10K	R5314	B C 2O	R8212	B C 21L
C4017	B C 14D	C6006	B C 22D	C8317	A D 18F			R3055	B C 10K	R5315	B C 1O	R8213	B C 20L
C4018	B C 14D	C6012	A D 21B	C8318	A D 17E	COIL		R3056	B C 11K	R5318	B C 4J	R8214	B C 21L
C4019	B C 14D	C6013	B C 22B	C8321	A D 19F	L3001	A D 3N	R3057	B C 11J	R5319	A D 6I	R8215	B C 20L
C4020	B C 14D	C6014	B C 22A	C8322	B C 19E	L4001	A D 11F	R3058	B C 11K	R5320	A D 1L	R8216	B C 20L
C4021	A D 14E	C6020	B C 22C	C8323	A D 20E	L4002	A D 12E	R3059	B C 11K	R5321	B C 1M	R8217	B C 21K
C4022	B C 14D	C6021	B C 22C	C8324	B C 19E	L4003	A D 9H	R3060	B C 11K	R5322	B C 1M	R8218	B C 21K
C4023	B C 14E	C6027	B C 21C	C8501	A D 9B	L4004	A D 9H	R3061	B C 11K	R5323	B C 7I	R8219	B C 21K
C4024	B C 14E	C6028	B C 22C	C8502	B C 8C	L4005	A D 8I	R3062	B C 12K	R5324	B C 7I	R8220	B C 20K
C4025	B C 14E	C6032	B C 21D	C8503	A D 8B	L4007	A D 12F	R3063	B C 12K	R5328	A D 1I	R8221	B C 20K
C4026	B C 14F	C6037	A D 21D	C8504	B C 8B	L4201	A D 8E	R3065	B C 12K	R5329	A D 1J	R8222	B C 20K
C4027	B C 14E	C6751	A D 19C	C8505	B C 8A	L4202	A D 11E	R3067	B C 12K	R5332	B C 4O	R8223	B C 20K
C4028	B C 14F	C6752	B C 19C	C8506	B C 8A	L4301	A D 9D	R3068	B C 12K	R5333	B C 4O	R8224	B C 20L
C4029	B C 14E	C6801	B C 21E			L5201	A D 2K	R3069	B C 12J	R5334	B C 4O	R8233	B C 21I
C4030	B C 14F	C6802	B C 21F	CONNECTOR		L5202	A D 2I	R3070	B C 12J	R5335	B C 4O	R8234	B C 21I
C4031	B C 12F	C6803	B C 21F	CN3001	A D 11N	L5203	A D 4I	R3072	B C 13J	R5336	B C 5N	R8241	B C 16D
C4032	B C 14F	C6804	B C 21E	CN3002	A D 6O	L5204	A D 3J	R3074	B C 13J	R5337	B C 5N	R8242	B C 16C
C4033	B C 14E	C6805	A D 21G	CN3003	A D 22G	L5205	A D 6I	R3075	B C 13J	R5341	B C 2N	R8244	B C 15D
C4034	B C 13F	C6806	B C 21F	CN3004	A D 8M	L5206	A D 3I	R3076	B C 14J	R5343	B C 1G	R8249	B C 15D
C4035	B C 12F	C6807	A D 21G	CN3901	A D 8M	L6002	A D 17D	R3083	B C 14K	R5344	A D 21H	R8250	B C 15C
C4036	B C 12F	C6808	B C 21F	CN4001	A D 21N	L6003	A D 20B	R3084	B C 15K	R6020	B C 21C	R8252	B C 15D
C4042	B C 12E	C6831	A D 19D	CN4101	A D 22M	L6005	A D 20E	R3085	B C 14J	R6021	B C 21C	R8301	B C 18F
C4044	A D 12E	C6832	A D 19D	CN4102	A D 22K	L6701	A D 19C	R3086	B C 15K	R6030	B C 20E	R8302	B C 18F
C4045	B C 13D	C7202	A D 11B	CN4103	A D 22I	L6801	A D 22F	R3087	B C 15K	R6031	B C 22D	R8303	B C 18G
C4046	B C 14D	C7301	B C 9I	CN4104	A D 7A	L6802	A D 21E	R3088	B C 15K	R6032	B C 22D	R8304	B C 18G
C4047	B C 9I	C7302	B C 13G	CN4401	A D 9C	L6803	A D 21H	R3089	B C 15K	R6033	B C 20D	R8305	B C 18F
C4048	B C 10I	C7303	B C 14G	CN5001	A D 2C	L6804	A D 21G	R3090	B C 15K	R6080	B C 22C	R8306	B C 17G
C4049	B C 9H	C7304	B C 13G	CN5301	A D 7L	L7201	A D 11B	R3091	B C 16K	R6830	B C 19D	R8307	B C 18G
C4050	B C 9H	C7305	B C 13G	CN5302	A D 7M	L7301	A D 9I	R3092	B C 16K	R6831	B C 20D	R8308	B C 17F
C4065	A D 9H	C7306	B C 14I	CN5303	A D 8C	L7302	A D 8B	R3093	B C 16K	R6833	B C 20D	R8310	B C 18E
C4078	B C 22N	C7307	A D 13G	CN5304	A D 8F	L7303	A D 9B	R3094	B C 16K	R6834	B C 19D	R8313	B C 17E
C4079	B C 22N	C7308	B C 13F	CN5305	A D 3O	L7304	A D 18C	R3100	B C 16K	R6835	B C 20D	R8315	B C 17G
C4080	B C 22M	C7309	B C 13F	CN6701	A D 19C	L7305	A D 17B	R3201	B C 15L	R6836	B C 20D	R8316	B C 17E
C4082	B C 22L	C7310	B C 13F	CN6801	A D 21F	L7306	A D 16A	R3202	B C 9M	R7202	B C 11B	R8321	B C 18F
C4084	B C 15C	C7311	B C 14F	CN6802	A D 20D	L7307	A D 15B	R3204	B C 8L	R7203	B C 11B	R8322	B C 20E
C4109	A D 7I	C7312	B C 11G	CN7301	A D 15C	L7308	A D 16B	R3205	B C 8L	R7204	A D 10A	R8323	B C 20F
C4110	A D 7I	C7313	B C 12G	CN7451	A D 8C	L7309	A D 16A	R3206	B C 16M	R7301	B C 17D	R8324	B C 19F
C4201	A D 9E	C7314	B C 11G			L7310	A D 11A	R3207	B C 12M	R7302	B C 18C	R8325	B C 19E
C4202	B C 9E	C7315	A D 9H	DIODE		L7311	A D 12B	R3209	B C 12M	R7303	B C 18C	R8326	B C 19E
C4203	B C 9E	C7316	B C 15F	D3002	A D 9L	L7312	A D 11A	R3213	B C 9L	R7304	B C 17A	R8501	B C 8C
C4204	B C 10E	C7317	B C 14F	D3003	A D 5N	L7313	A D 11B	R3214	B C 14M	R7305	B C 17A	R8502	B C 8B
C4205	B C 9F	C7318	B C 12G	D3004	A D 7O	L7314	A D 12B	R3218	B C 4N	R7309	B C 15A	R8503	B C 8B
C4206	B C 10F	C7319	B C 11H	D3005	A D 7O	L7316	A D 13G	R3219	B C 5N	R7310	B C 12G	R8504	B C 8A
C4207	B C 10E	C7326	B C 15F	D3008	B C 16K	L7318	A D 12G	R3220	B C 6N	R7311	A D 8H	R8505	B C 8A
C4208	A D 11E	C7327	B C 15G	D4001	B C 12E	L7321	A D 12H	R3221	B C 12M	R7312	B C 11G	R8506	B C 8A
C4209	B C 10E	C7328	B C 16B	D4002	B C 12D	L7325	A D 9I	R3222	B C 12M	R7313	B C 14F	R8507	B C 8B
C4210	A D 10E	C7329	B C 16B	D4301	A D 10D	L8501	A D 8A	R3223	B C 11M	R7314	B C 12G		
C4216	B C 11D	C7330	B C 17B	D5001	A D 3E			R3224	B C 11M	R7315	B C 12G	OTHER	
C4217	B C 11D	C7331	B C 16A	D5101	A D 3F	TRANSISTOR		R3225	B C 13L	R7316	B C 14G	CP5301	A D 6H
C4218	B C 11D	C7332	B C 16A	D5103	A D 6E	Q3004	B C 5N	R3226	B C 13L	R7317	B C 14G	CP5302	A D 3J
C4301	B C 9D	C7333	B C 17B	D5104	A D 7E	Q3005	B C 10L	R3227	B C 12L	R7318	B C 21A	FC5001	A D 2B
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C4305	B C 10D	C7336	A D 19B	D5201	A D 6G	Q4101	A D 7I	R3231	B C 16L	R7335	B C 17B	GN2	A D 19N
C4306	B C 9C	C7340	A D 15B	D5202	A D 5H	Q4201	B C 9E	R3232	B C 15M	R7336	B C 16A	GN3	A D 11I
C4307	B C 9C	C7341	B C 12G	D5203	A D 3G	Q4302	B C 10C	R3233	B C 15L	R7337	B C 16B	GN4	A D 1N
C4308	B C 9D	C7345	B C 19C	D5204	A D 2G	Q4303	B C 10D	R3234	B C 9I	R7338	B C 16B	GN5	A D 1H
C4309	B C 10D	C7346	A D 18C	D5205	A D 5H	Q5301	A D 6I	R3235	B C 16K	R7339	A D 15B	GN4101	A D 5A
C4310	B C 11D	C7347	A D 20B	D5206	A D 5H	Q5302	B C 7H	R3242	B C 14K	R7340	B C 15A	J4112	A D 3A
C4318	B C 10D	C7348	B C 12B	D5207	A D 2G	Q5303	B C 6I	R4001	B C 12E	R7341	B C 15A	J7301	A D 18A
C4319	B C 11D	C7349	B C 11B	D5208	A D 6G	Q5304	A D 1M	R4002	B C 12E	R7342	B C 14A	J7302	A D 13A
C5001	A D 1E	C7350	B C 12B	D5209	A D 5G	Q5305	B C 1M	R4003	B C 12D	R7343	B C 19A	J7304	A D 9A
C5002	A D 3E	C7351	B C 12B	D5210	A D 3H	Q5306	A D 1K	R4004	A D 12E	R7344	B C 17B	J7451	A D 10A
C5003	A D 4D	C7352	B C 11A	D5211	A D 1H	Q5307	A D 1K	R4005	B C 12D	R7345	B C 18B	J8501	A D 8A
C5004	A D 7D	C7353	B C 13B	D5212	A D 2G	Q5308	B C 3O	R4006	B C 13D	R7346	B C 19B	K4101	B C 4B
C5005	A D 2A	C7354	B C 12A	D5213	A D 4H	Q5309	B C 3O	R4007	B C 13D	R7347	B C 19B	K4102	B C 4A
C5101	A D 3F	C7355	B C 13B	D5214	A D 3H	Q5310	A D 5K	R4008	B C 14D	R7348	B C 17C	K4103	B C 4A
C5102	A D 3F	C7357	B C 13G	D5215	A D 4H	Q5311	B C 1L	R4009	B C 14D	R7349	A D 19B	K4104	B C 4A
C5103	A D 5D	C7359	B C 13G	D5301	A D 2H	Q5312	B C 1L	R4010	B C 14D	R7350	B C 19B	K4105	B C 6A
C5104	A D 6D	C7363	A D 17C	D5302	A D 4I	Q5313	B C 3N	R4011	B C 13F	R7351	B C 19B	K4106	B C 6A
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C5106	B C 7F	C7365	A D 17B	D5304	A D 3J	Q5315	B C 3N	R4014	B C 10F	R7353	B C 11A	K8501	B C 8A
C5107	B C 6E	C7366	A D 17C	D5305	A D 3K	Q5316	A D 2M	R4015	B C 13D	R7354	B C 12B	KA4101	B C 6A
C5201	A D 6H	C7367	A D 17B	D5306	A D 2N	Q6030	B C 21D	R4016	B C 14D	R7355	B C 12B	KA4102	B C 6B
C5202	A D 4H	C7368	B C 9I	D5307	A D 7L	Q6031	B C 22E	R4017	B C 9I	R7356	B C 12B	LF5001	A D 2D
C5203	A D 2J	C7369	B C 9I	D5308	A D 7L	Q6830	B C 20D	R4018	B C 10H	R7357	B C 12A	PC018	B C 20O
C5204	A D 2I	C7371	B C 13G	D5309	A D 5K	Q6831	B C 20D	R4019	B C 9I	R7358	B C 13A	PC01980	B C 19C
C5205	A D 5I	C7372	B C 15G	D5310	A D 5M	Q7201	A D 11B	R4020	B C 9I	R7359	B C 13A	PC5101	A D 7F
C5206	A D 4I	C7387	B C 9A	D5311	A D 6J	Q7301	B C 18B	R4021	B C 9I	R7360	B C 14B	T5001	A D 6F
C5207	A D 1G	C7388	B C 9B	D5312	A D 6J	Q7302	B C 17C	R4036	B C 20N	R7361	B C 14A	TU6001	A D 22A
C5208	A D 6I	C7389	B C 9A	D5313	A D 7K	Q7310	B C 15A	R4040	B C 19N	R7362	B C 13B	WR1	A D 14J
C5209	A D 3I	C7390	B C 9B	D5314	A D 4L	Q7311	B C 14A	R4041	B C 20N	R7365	B C 9B	WR3	A D 10F
C5210	A D 2H	C7451	B C 10B	D5315	A D 1M	Q7312	B C 15A	R4104	B C 7I	R7366	B C 9B	X3001	A D 12L
C5301	A D 7G	C7452	B C 11B	D5316	A D 1J	Q7313	B C 19B	R4105	B C 7I	R7367	B C 9I	X3002	A D 11L
C5302	A D 7G	C7453	B C 10B	D5318	A D 4J	Q7314	B C 18B	R4147	B C 21J	R7368	B C 9I	X4201	A D 9F
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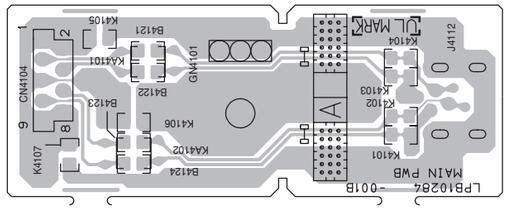
■ Jack board <36> LPB10284-001B



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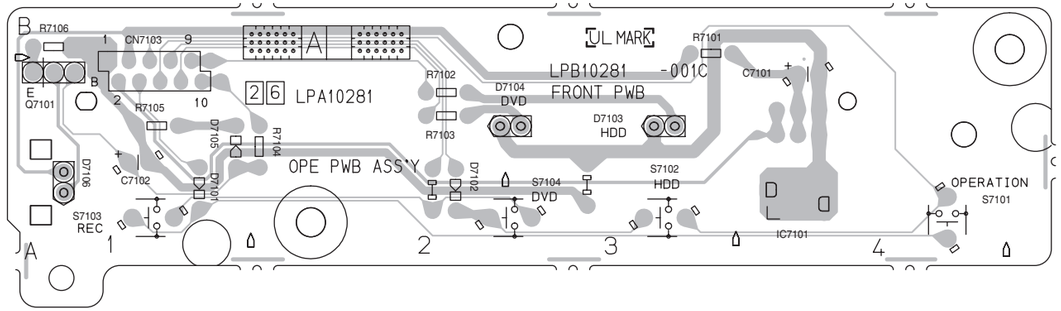

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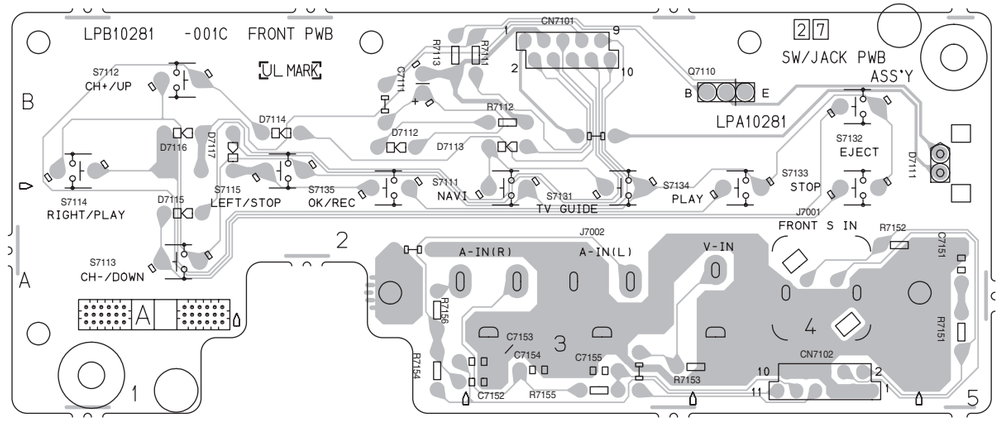

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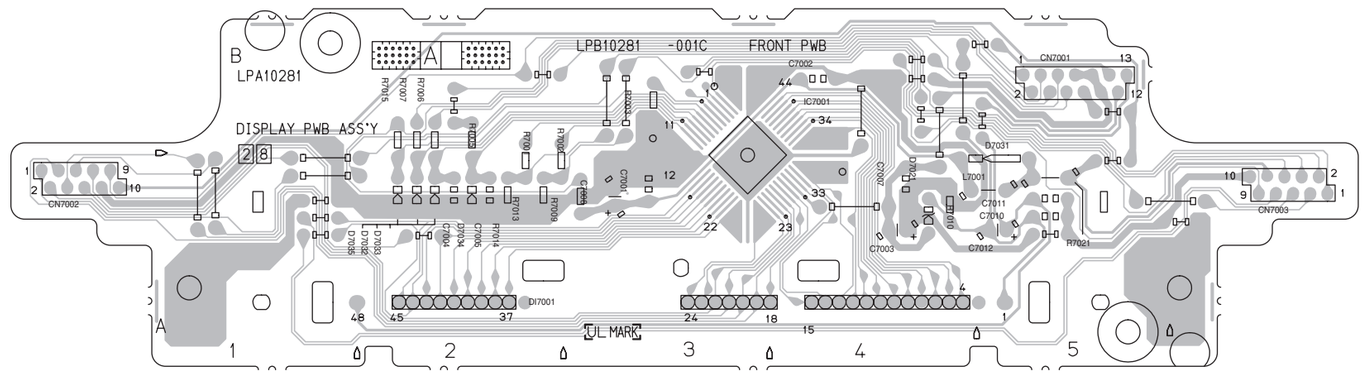

■ Digital board <50> LPB10289-001C

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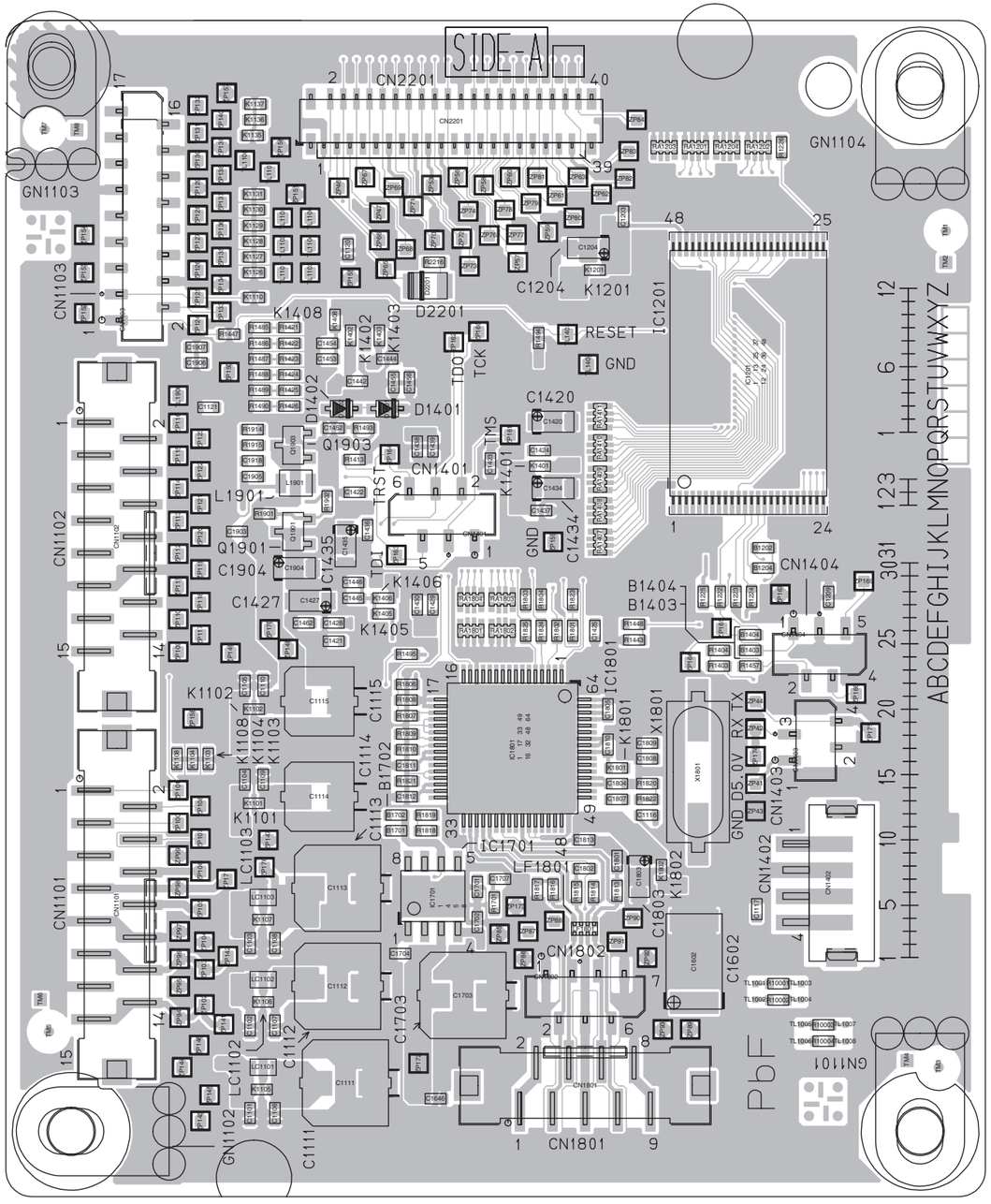

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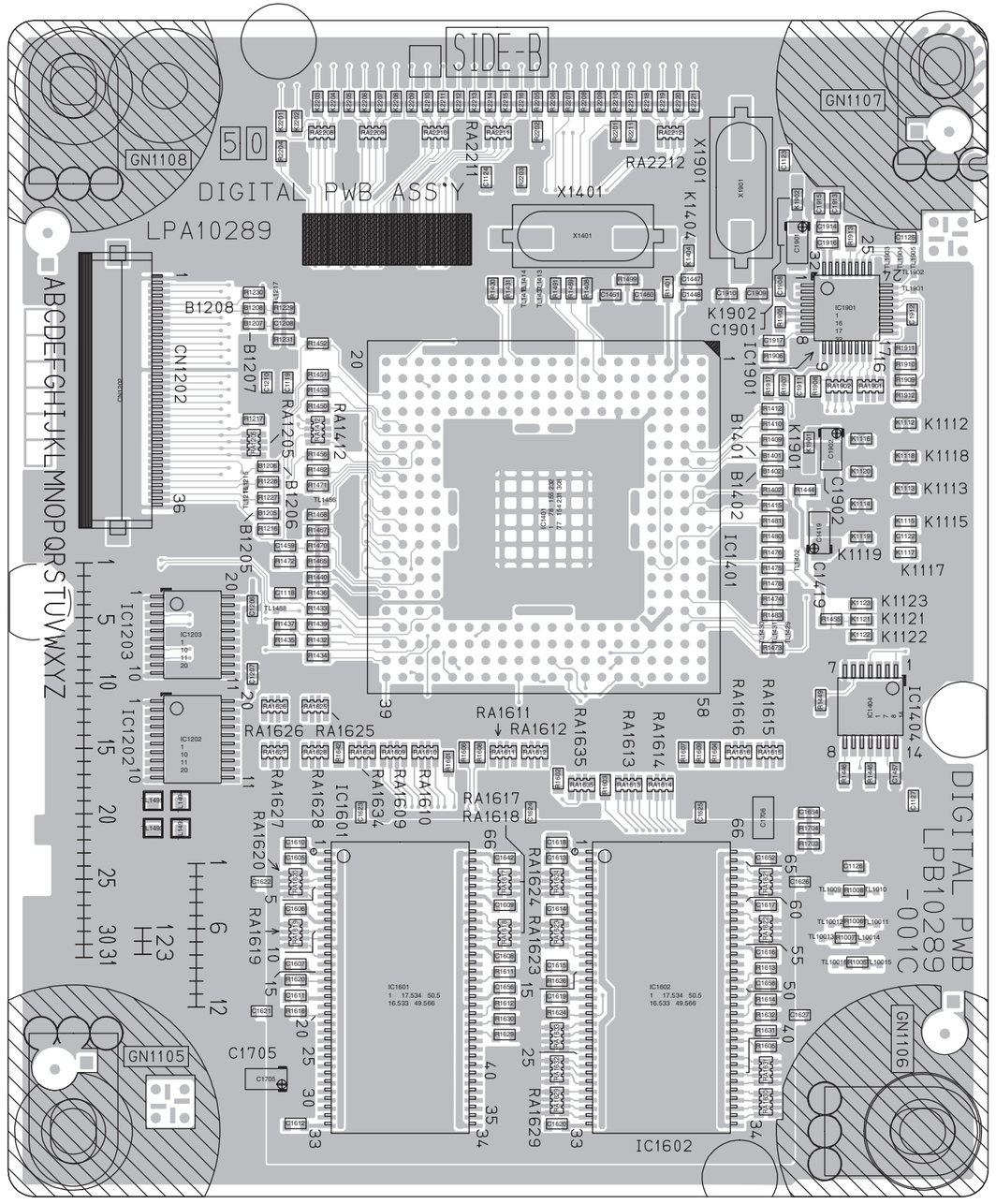


F F

E E

D D

C C

B B

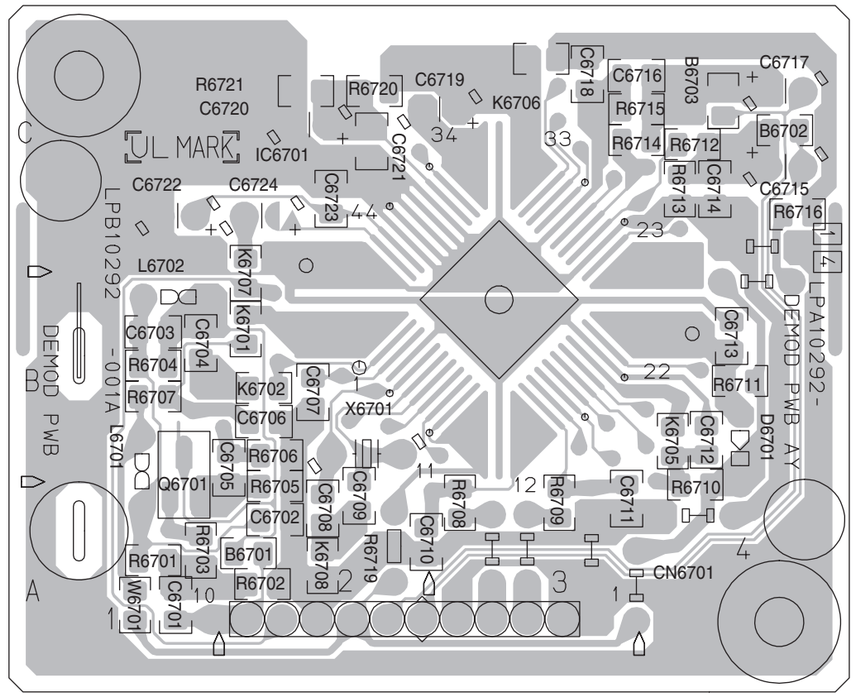
A A

5 4 3 2 1 1 2 3 4 5

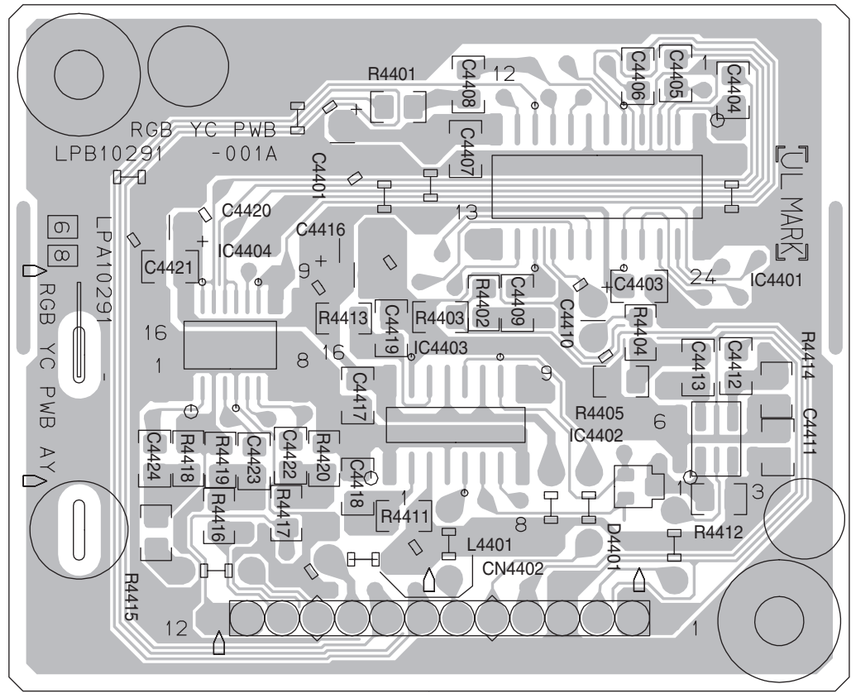
COMPONENT PARTS LOCATION GUIDE <DIGITAL> LPB10289-001C

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR		C1808	A C 2C	R1449	B C 5C	R10004	A C 1A	RA1804	A C 3D
C1101	A C 4A	C1809	A C 2C	R1450	B C 2E			RA1901	B C 5E
C1102	A C 4A	C1810	A C 2C	R1451	B C 2E	OTHER		RA1902	B C 5E
C1103	A C 4B	C1811	A C 3C	R1452	B C 2E	K1101	A C 4C	RA2208	B C 2F
C1104	A C 4C	C1812	A C 3C	R1453	B C 2E	K1102	A C 4C	RA2209	B C 2F
C1105	A C 4C	C1813	A C 3B	R1455	B C 5C	K1103	A C 4C	RA2210	B C 3F
C1106	A C 4A	C1901	B C 5E	R1456	B C 2D	K1104	A C 5C	RA2211	B C 3F
C1107	A C 4A	C1902	B C 5D	R1457	A C 2C	K1105	A C 4A	RA2212	B C 4F
C1108	A C 4B	C1903	A C 4D	R1462	B C 2D	K1106	A C 4A	TM1	A C 1E
C1109	A C 4C	C1904	A C 4D	R1465	B C 2D	K1107	A C 4B	TM2	A C 1E
C1110	A C 4C	C1905	A C 4D	R1467	B C 2D	K1108	A C 5C	TM3	A C 1A
C1111	A C 4A	C1906	A C 5E	R1468	B C 2D	K1110	A C 4E	TM4	A C 1A
C1112	A C 4B	C1907	A C 5E	R1469	B C 3E	K1112	B C 5D	TM5	A C 5A
C1113	A C 4B	C1908	B C 4E	R1470	B C 2D	K1113	B C 5D	TM6	A C 5B
C1114	A C 4C	C1909	B C 4E	R1471	B C 2D	K1114	B C 5D	TM7	A C 5F
C1115	A C 4C	C1910	B C 4E	R1472	B C 2D	K1115	B C 5D	TM8	A C 5F
C1116	A C 2B	C1911	B C 5E	R1473	B C 4C	K1116	B C 5D	X1401	B C 3E
C1117	A C 2B	C1912	B C 5E	R1474	B C 4D	K1117	B C 5D	X1801	A C 2C
C1118	B C 2D	C1913	B C 5F	R1475	B C 4D	K1118	B C 5D	X1901	B C 4F
C1119	B C 2E	C1914	B C 5E	R1476	B C 4D	K1119	B C 5D		
C1120	A C 4E	C1915	B C 5F	R1478	B C 4D	K1120	B C 5D		
C1121	A C 4E	C1916	B C 5E	R1480	B C 4D	K1121	B C 5C		
C1122	B C 5D	C1917	B C 4E	R1481	B C 4D	K1122	B C 5C		
C1123	B C 4F	C1918	A C 4D	R1483	B C 4C	K1123	B C 5D		
C1124	B C 3F			R1485	A C 4E	K1126	A C 4E		
C1125	B C 5E	CONNECTOR		R1486	A C 4E	K1127	A C 4E		
C1126	B C 5B	CN1101	A C 5B	R1487	A C 4E	K1128	A C 4E		
C1127	B C 5C	CN1102	A C 5D	R1488	A C 4E	K1129	A C 4E		
C1203	A C 2F	CN1103	A C 5E	R1489	A C 4E	K1130	A C 4F		
C1204	A C 3E	CN1202	B C 1E	R1490	A C 4E	K1131	A C 4F		
C1206	B C 2D	CN1401	A C 3D	R1491	B C 3E	K1135	A C 4F		
C1207	B C 2C	CN1402	A C 1B	R1493	A C 4D	K1136	A C 4F		
C1208	B C 2E	CN1403	A C 1C	R1494	A C 3E	K1137	A C 4F		
C1209	A C 1D	CN1404	A C 1C	R1495	A C 3C	K1201	A C 2E		
C1210	B C 2E	CN1801	A C 3A	R1499	B C 4E	K1401	A C 3D		
C1419	B C 5D	CN1802	A C 3B	R1601	B C 3C	K1402	A C 4E		
C1420	A C 3D	CN2201	A C 3F	R1602	B C 3C	K1403	A C 4E		
C1421	A C 4C			R1603	B C 4C	K1404	B C 4E		
C1422	A C 4D	DIODE		R1604	B C 4C	K1405	A C 4C		
C1423	A C 3D	D1401	A C 4E	R1605	B C 4A	K1406	A C 4D		
C1424	A C 3D	D1402	A C 4E	R1606	B C 3C	K1408	A C 4E		
C1425	A C 2C	D2201	A C 3E	R1607	B C 4C	K1801	A C 2C		
C1427	A C 4D			R1608	B C 3C	K1802	A C 2B		
C1428	A C 4C	IC		R1609	B C 4C	K1901	B C 5D		
C1429	A C 3D	IC1201	A C 2E	R1611	B C 3B	K1902	B C 5F		
C1430	A C 3D	IC1202	B C 1C	R1612	B C 3A	K2201	B C 2F		
C1434	A C 3D	IC1203	B C 1C	R1613	B C 4B	K2202	B C 2F		
C1435	A C 4D	IC1401	B C 3D	R1614	B C 4B	K2203	B C 2F		
C1436	A C 4D	IC1404	B C 5C	R1618	B C 2A	K2204	B C 2F		
C1437	A C 3D	IC1601	B C 3B	R1620	B C 2B	K2205	B C 2F		
C1438	A C 3D	IC1602	B C 4B	R1624	B C 3A	K2206	B C 2F		
C1439	A C 3D	IC1701	A C 3B	R1626	B C 3B	K2207	B C 2F		
C1442	A C 4E	IC1801	A C 3C	R1629	B C 3A	K2208	B C 2F		
C1444	A C 4E	IC1901	B C 5E	R1630	B C 3A	K2209	B C 3F		
C1445	A C 4D			R1631	B C 4A	K2210	B C 3F		
C1446	A C 4D	COIL		R1632	B C 4A	K2211	B C 3F		
C1447	B C 4E	L1901	A C 4D	R1642	B C 2C	K2212	B C 3F		
C1448	B C 4E			R1701	A C 3B	K2213	B C 3F		
C1452	A C 4D	TRANSISTOR		R1703	B C 5B	K2214	B C 3F		
C1453	A C 4E	Q1901	A C 4D	R1704	B C 5B	K2215	B C 3F		
C1454	A C 4E	Q1903	A C 4D	R1801	A C 3C	K2216	B C 3F		
C1455	A C 4E			R1802	A C 3C	K2217	B C 4F		
C1456	A C 3E	RESISTOR		R1803	A C 3D	K2218	B C 4F		
C1457	B C 5C	R1005	B C 5B	R1804	A C 3D	K2219	B C 4F		
C1459	B C 2D	R1006	B C 5B	R1806	A C 3C	K2220	B C 4F		
C1460	B C 4E	R1007	B C 5B	R1807	A C 3C	K2221	B C 4F		
C1461	B C 4E	R1008	B C 5B	R1808	A C 3C	LC1101	A C 4A		
C1462	A C 4C	R1216	B C 2D	R1809	A C 3C	LC1102	A C 4B		
C1602	A C 2B	R1217	B C 2D	R1810	A C 3C	LC1103	A C 4B		
C1605	B C 2B	R1222	A C 2D	R1813	A C 2B	LF1801	A C 3B		
C1606	B C 2B	R1223	A C 2D	R1814	A C 3B	RA1201	A C 2F		
C1607	B C 2B	R1224	A C 2D	R1815	A C 3B	RA1202	A C 2F		
C1608	B C 3B	R1225	A C 2D	R1816	A C 3B	RA1203	A C 2F		
C1609	B C 3B	R1226	A C 2F	R1817	A C 3B	RA1204	A C 2F		
C1610	B C 2B	R1227	B C 2D	R1818	A C 3B	RA1205	B C 2D		
C1611	B C 2B	R1228	B C 2D	R1819	A C 3B	RA1407	A C 2D		
C1612	B C 2A	R1229	B C 2E	R1820	A C 2C	RA1408	A C 2D		
C1613	B C 3B	R1230	B C 2E	R1821	A C 3C	RA1409	A C 2D		
C1614	B C 3B	R1231	B C 2E	R1822	A C 2C	RA1410	A C 2D		
C1615	B C 3B	R1401	B C 4E	R1823	A C 3D	RA1411	A C 2D		
C1616	B C 4B	R1402	B C 4D	R1824	A C 3C	RA1412	B C 2D		
C1617	B C 4B	R1403	A C 2C	R1825	A C 3C	RA1609	B C 2C		
C1618	B C 3B	R1404	A C 2C	R1901	A C 4D	RA1610	B C 3C		
C1619	B C 3B	R1408	B C 3E	R1902	A C 4D	RA1611	B C 3C		
C1620	B C 3A	R1409	B C 4D	R1905	B C 4E	RA1612	B C 3C		
C1621	B C 2A	R1410	B C 4D	R1906	B C 4E	RA1613	B C 4C		
C1622	B C 2B	R1412	B C 4E	R1907	B C 4E	RA1614	B C 4C		
C1623	B C 2B	R1413	A C 4D	R1908	B C 5E	RA1615	B C 4C		
C1624	B C 3B	R1415	B C 4D	R1909	B C 5E	RA1616	B C 4C		
C1625	B C 4B	R1421	A C 4E	R1910	B C 5E	RA1617	B C 3B		
C1626	B C 5B	R1422	A C 4E	R1911	B C 5E	RA1618	B C 3B		
C1627	B C 5A	R1423	A C 4E	R1912	B C 5E	RA1619	B C 2B		
C1642	B C 3B	R1424	A C 4E	R1913	B C 5E	RA1620	B C 2B		
C1646	A C 3A	R1425	A C 4E	R1914	A C 4D	RA1621	B C 4B		
C1652	B C 4B	R1426	A C 4E	R1915	A C 4D	RA1622	B C 4B		
C1654	B C 5B	R1430	B C 3E	R1917	B C 4E	RA1623	B C 3B		
C1656	B C 3B	R1431	B C 3E	R2201	B C 4F	RA1624	B C 3B		
C1658	B C 4B	R1432	B C 2C	R2202	B C 3F	RA1625	B C 2C		
C1701	A C 3B	R1433	B C 2D	R2203	B C 3F	RA1626	B C 2C		
C1702	A C 3B	R1434	B C 2C	R2204	B C 2F	RA1627	B C 2C		
C1703	A C 3B	R1435	B C 2C	R2205	B C 3F	RA1628	B C 2C		
C1704	A C 3B	R1436	B C 2D	R2206	B C 3F	RA1629	B C 3A		
C1705	B C 2A	R1437	B C 2C	R2207	B C 3F	RA1630	B C 4A		
C1706	B C 4B	R1439	B C 2C	R2208	B C 3F	RA1631	B C 4A		
C1707	A C 3B	R1440	B C 2D	R2209	B C 4F	RA1632	B C 3A		
C1801	A C 2B	R1443	A C 2C	R2210	B C 4F	RA1633	B C 3A		
C1802	A C 3B	R1444	B C 5D	R2211	B C 4F	RA1634	B C 2C		
C1803	A C 2B	R1445	B C 5C	R2216	A C 3E	RA1635	B C 3C		
C1804	A C 2C	R1446	B C 5C	R10001	A C 2B	RA1801	A C 3C		
C1805	A C 2C	R1447	A C 4E	R10002	A C 2B	RA1802	A C 3C		
C1807	A C 2C	R1448	A C 2C	R10003	A C 1A	RA1803	A C 3D		

■ Demodulator board <14> LPB10292-001A



■ RGB-Y/C Converter board <68> LPB10291-001A



■ VOLTAGE CHARTS

<MAIN>

MODE PIN NO.	P.ON
IC3001	
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2	0
3	4.9
4	4.8
5	-
6	0
7	4.8
8	0
9	0
10	0
11	0
12	0
13	0.4
14	4.0
15	0
16	0.2
17	4.8
18	4.8
19	4.8
20	4.6
21	4.9
22	0
23	0
24	4.9
25	4.9
26	5.0
27	4.9
28	4.9
29	0
30	0
31	4.9
32	4.9
33	4.9
34	4.9
35	4.7
36	4.9
37	2.3
38	2.3
39	0
40	2.0
41	2.4
42	0
43	0
44	0
45	0
46	0
47	0
48	0
49	4.8
50	0
51	4.9
52	4.7
53	0.3
54	0
55	4.9
56	0
57	0
58	4.6
59	0
60	0
61	4.8
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	4.9
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	4.5
86	3.9
87	0
88	5.0
89	4.9
90	0
91	0.6
92	4.9
93	4.8
94	0
95	0
96	0

MODE PIN NO.	P.ON
97	0
98	0
99	0
100	0
IC3002	
1	4.9
2	4.9
3	0
4	0
IC3004	
1	0
2	0
3	0
4	0
5	4.9
6	4.9
7	0
8	4.9
IC4001	
1	0
2	2.9
3	5.0
4	0
5	0
6	0
7	2.8
8	2.8
9	2.8
10	0
11	1.3
12	5.0
13	0
14	0
15	1.3
16	0
17	0
18	0
19	2.3
20	5.0
21	1.1
22	0
23	0
24	5.0
25	1.2
26	1.2
27	0
28	0
29	5.0
30	5.0
31	0
32	0
33	0.7
34	0
35	4.9
36	0
37	5.0
38	1.4
39	0
40	1.3
41	0
42	1.6
43	5.0
44	1.3
45	0
46	1.7
47	5.0
48	1.3
49	0
50	2.9
51	0
52	0
IC4201	
1	0
2	2.4
3	2.5
4	0
5	0
6	4.8
7	4.8
8	5.0
9	4.6
10	0
11	2.1
12	2.1
13	0.9
14	0.4
15	5.0
16	2.9
17	2.5
18	4.6
19	5.0
20	0
21	0
22	3.6
23	5.0
24	5.0
IC4202	

MODE PIN NO.	P.ON
1	0
2	1.9
3	4.9
4	1.5
5	0
6	1.7
IC5101	
1	300.4
2	0
3	0
4	16.4
5	2.4
IC5301	
1	2.4
2	0
3	4.6
IC5303	
1	4.8
2	0
3	0
4	3.9
5	3.2
6	4.9
7	0
8	0
IC5304	
1	4.8
2	2.9
3	0
4	0
5	0
6	0
7	0
8	0
IC5307	
1	4.8
2	0
3	0
4	3.4
5	2.6
6	0
7	0
8	1.3
IC5308	
1	5.0
2	0
3	0
4	3.3
5	4.8
6	0
7	0
8	5.6
IC5309	
1	2.5
2	2.0
3	0
4	1.2
5	4.8
IC7301	
1	5.0
2	0
3	0
4	2.2
5	4.8
6	1.7
7	5.0
8	1.7
9	2.1
10	0
11	1.5
12	0
13	0
14	4.9
15	2.1
16	5.0
17	2.2
18	0
19	0
20	2.3
21	2.3
22	0
23	1.3
24	1.3
25	0
26	0
27	0
28	0
29	1.7
30	0
31	0
32	2.3
IC7302	
1	0
2	2.0
3	5.0
4	2.8
5	0

MODE PIN NO.	P.ON
6	1.7
IC7303	
1	0
2	0.5
3	0
4	1.2
5	1.2
6	0
7	0
8	0
9	0
10	0
11	0
12	0.5
13	0
14	0.5
15	0
16	5.0
IC7304	
1	0
2	0
3	5.0
4	2.0
5	0
6	2.3
IC7305	
1	4.8
2	2.1
3	5.0
4	2.8
5	0
6	2.8
IC8001	
1	2.4
2	0
3	2.4
4	0
5	2.4
6	0
7	2.4
8	0
9	2.4
10	2.4
11	2.4
12	2.4
13	2.4
14	2.4
15	2.4
16	4.9
17	0
18	2.4
19	0
20	3.3
21	0
22	1.6
23	1.6
24	1.6
25	3.0
26	4.9
27	0
28	0
29	0
30	0
31	4.9
32	0
33	0
34	4.9
35	0
36	2.4
37	0
38	2.4
39	0
40	2.4
41	0
42	2.4
43	0
44	2.4
IC8201	
1	1.6
2	1.6
3	1.5
4	0
5	0
6	3.2
7	2.7
8	0
9	2.4
10	2.4
11	2.3
12	2.3
13	0
14	4.8
15	0
16	0
IC8202	
1	0
2	1.2

MODE PIN NO.	P.ON
3	1.2
4	-9.9
5	1.2
6	0
7	0
8	0
IC8301	
1	7.4
2	0
3	7.4
4	0
5	6.7
6	0
7	6.7
8	0
9	7.4
10	11.2
11	7.4
12	0
IC8302	
1	7.4
2	0
3	7.4
4	0
5	6.7
6	0
7	6.7
8	0
9	7.4
10	11.2
11	7.4
12	0
IC8303	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	10.5
IC8501	
1	3.2
2	1.6
3	1.6
4	0
5	0
6	0
7	0
8	1.6
9	1.6
10	3.2
11	1.6
12	1.6
13	3.2
14	3.2
Q3004	
E	0
C	0
B	0.7
Q3005	
E	0
C	3.2
B	0
Q3007	
E	0
C	4.7
B	0
Q4001	
E	1.3
C	0
B	0.6
Q4101	
E	5.0
C	5.7
B	5.6
Q4201	
E	2.1
C	5.0
B	2.5
Q5301	
E	-16.2
C	-16.2
B	-15.4
Q5302	
E	5.6
C	0
B	0.4
Q5303	
E	0
C	0
B	4.8
Q5304	
E	11.2
C	11.2
B	10.5
Q5305	

MODE PIN NO.	P.ON
E	0
C	0
B	4.8
Q5306	
E	12.4
C	12.4
B	11.7
Q5308	
E	12.0
C	12.0
B	0
Q5309	
E	0
C	0
B	4.0
Q5310	
E	5.0
C	5.6
B	5.8
Q5312	
E	0
C	0
B	4.8
Q5313	
E	-10.7
C	-10.7
B	0
Q5314	
E	5.6
C	5.6
B	0
Q5315	
E	0
C	0
B	4.0
Q5316	
E	11.2
C	12.4
B	1.9
Q6030	
E	2.8
C	0
B	2.2
Q7301	
E	1.0
C	1.0
B	1.7
Q7302	
E	0.5
C	11.3
B	1.0
Q7310	
E	5.0
C	0
B	4.4
Q7311	
E	0
C	0
B	0.3
Q7312	
E	0
C	4.4
B	0
Q7313	
E	0
C	4.4
B	0
Q7314	
E	0
C	0
B	4.8
Q7315	
E	0
C	11.3
B	0
Q7316	
E	11.3
C	0
B	11.2
Q7317	
E	0
C	0
B	4.8
Q7321	
E	0
C	5.0
B	0
Q8201	
E	0
C	4.9
B	0
Q8202	
E	4.9
C	-5.3
B	4.9
Q8203	
E	0

MODE PIN NO.	P.ON
C	0
B	-5.3
Q8205	
E	0
C	0
B	-5.3
Q8301	
E	0
C	0
B	-5.3
Q8302	
E	0
C	0
B	-5.3
CN3001	
1	4.0
2	4.7
3	0
4	4.9
5	4.8
6	4.3
7	0
8	4.9
9	0
10	0
11	-22.0
12	-31.0
13	-17.7
CN3901	
1	4.0
2	4.9
3	0
4	0.2
5	0
6	0
7	4.9
8	4.9
CN4001	
1	0
2	0
3	0
4	5.0
5	0
6	0
7	0
8	3.9
9	4.9
10	0
11	0
12	4.9
13	4.9
14	4.5
15	2.4
16	2.0
17	32.8
18	0
19	2.1

<SW/JACK>

MODE PIN NO.	P.ON
CN7101	
1	0
2	0
3	-29.4
4	-29.3
5	-29.4
6	-26.9
7	-29.3
8	0
9	4.1
10	5.0
CN7102	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0

<JACK>

MODE PIN NO.	P.ON
CN4104	
1	0
2	0
3	0
4	0
5	0
6	3.1
7	3.1
8	0
9	0

<DISPLAY>

MODE PIN NO.	P.ON
IC7001	
1	0
2	0
3	0
4	0
5	2.8
6	4.9
7	0
8	4.8
9	4.8
10	0
11	0
12	0
13	5.0
14	-26.9
15	-26.9
16	-17.0
17	-29.4
18	-29.4
19	-29.4
20	-26.9
21	-29.3
22	-17.4
23	-17.3
24	-29.4
25	-26.9
26	-29.3
27	-29.4
28	-29.4
29	-27.0
30	-30.0
31	-27.3
32	-27.3
33	-27.3
34	-27.3
35	-27.3
36	-27.3
37	-27.3
38	-27.3
39	-27.3
40	-27.3
41	-27.3
42	0
43	5.0
44	0
CN7001	
1	-16.7
2	-30.2
3	-21.0
4	0
5	0
6	4.9
7	0
8	4.9
9	4.9
10	4.9
11	0
12	4.8
13	4.1
CN7002	
1	5.0
2	4.1
3	0
4	-29.3
5	-26.9
6	-29.4
7	-29.3
8	-29.4
9	0
10	0
CN7003	
1	4.0
2	0
3	0
4	0
5	-26.9
6	0
7	-26.9
8	5.0
9	4.9
10	0

<RGB-YC>

MODE PIN NO.	P.ON
IC4401	
1	0
2	2.3
3	2.3
4	0
5	0
6	2.0
7	0
8	4.2
9	0
10	4.5
11	4.0
12	5.0
13	0
14	0
15	0
16	1.6
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
IC4402	
1	0.5
2	0
3	5.0
4	1.8
5	0
6	2.1
IC4403	
1	0
2	4.8
3	5.0
4	0
5	0
6	0.3
7	0
8	0
9	0
10	3.9
11	5.0
12	0
13	5.0
14	2.3
15	0
16	5.0
IC4404	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	1.0
10	1.0
11	0
12	1.0
13	1.0
14	1.0
15	1.0
16	5.0
CN4402	
1	0
2	1.4
3	0
4	0
5	4.6
6	0
7	4.6
8	2.0
9	5.0
10	0
11	0
12	0

<DEMOD>

MODE PIN NO.	P.ON
IC6701	
1	4.2
2	0
3	1.5
4	0
5	0
6	0
7	2.0
8	0
9	0
10	3.5
11	3.5
12	5.0
13	5.0
14	0.3
15	0.3
16	0.3
17	0.3
18	0.3
19	4.9
20	0
21	0.3
22	4.2
23	0
24	0
25	0
26	1.0
27	0
28	0
29	0
30	2.3
31	0
32	0
33	4.5
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	2.3
44	0
CN6701	
1	0
2	5.0
3	5.0
4	0
5	0
6	0.9
7	5.0
8	0
9	0
10	2.0

<OPERATION>

MODE PIN NO.	P.ON
IC7101	
1	4.9
2	4.9
3	0
Q7101	
E	0.7
C	1.7
B	1.4
CN7103	
1	0
2	4.9
3	5.0
4	-26.9
5	0
6	-26.9
7	0
8	0
9	0
10	4.0

JVC

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VPT

PARTS LIST

[DR-M100SEF, DR-M100SEK, DR-M100SEL, DR-M100SER,DR-M100SEU,DR-M100SEY, DR-M100SEZ]

* SAFETY PRECAUTION
  Parts identified by the ⚠ symbol are critical for safety. Replace only with specified part numbers.
* BEWARE OF BOGUS PARTS
  Parts that do not meet specifications may cause trouble in regard to safety and performance. We recommend that genuine JVC parts be used.
* (x_) in a description column shows the number of the used part.

Area Suffix

EF	French Republic
EK	U.K.
EL	South Europe
ER	Russian Federation
EU	Western Europe
EY	Northern Europe
EZ	Eastern Europe

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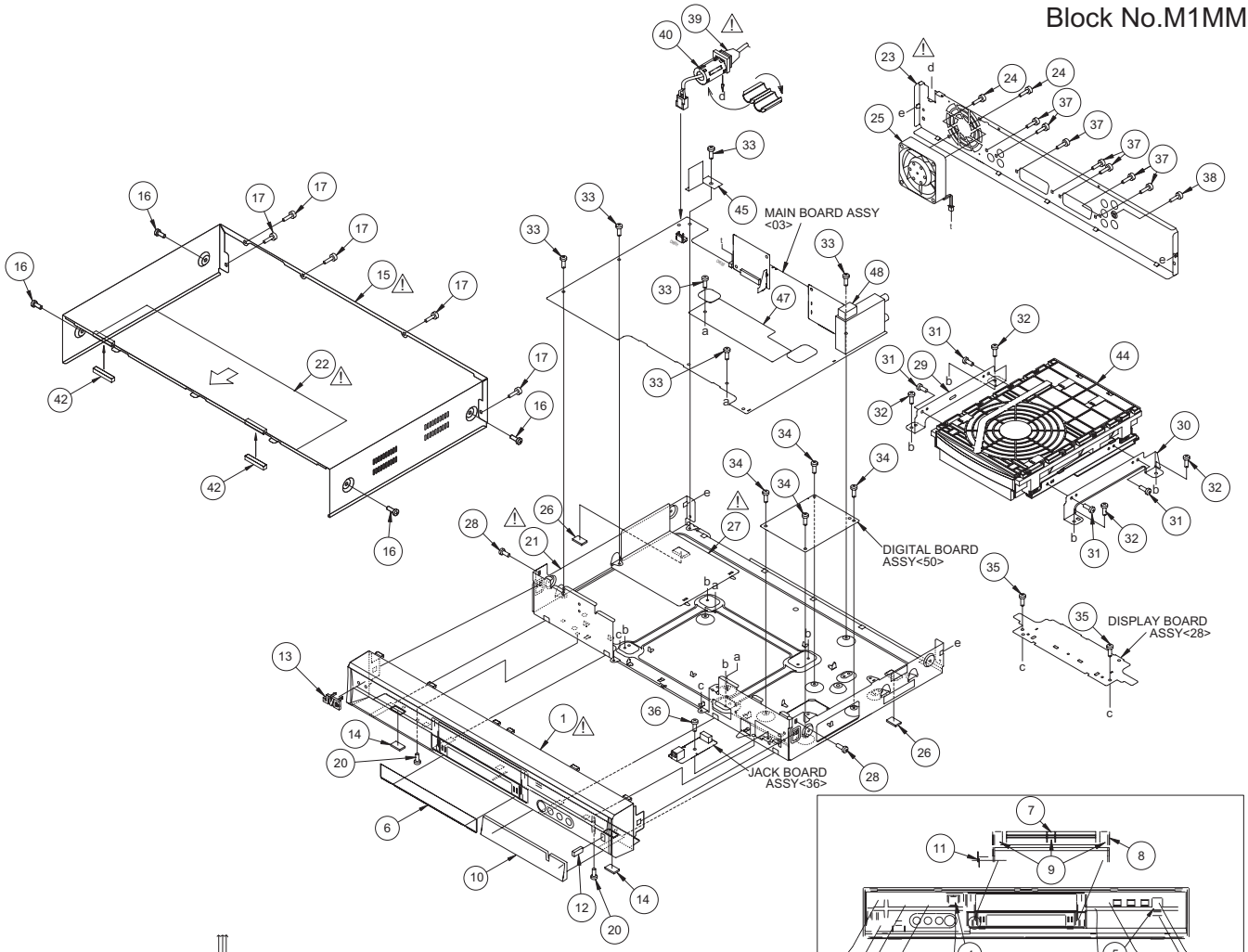
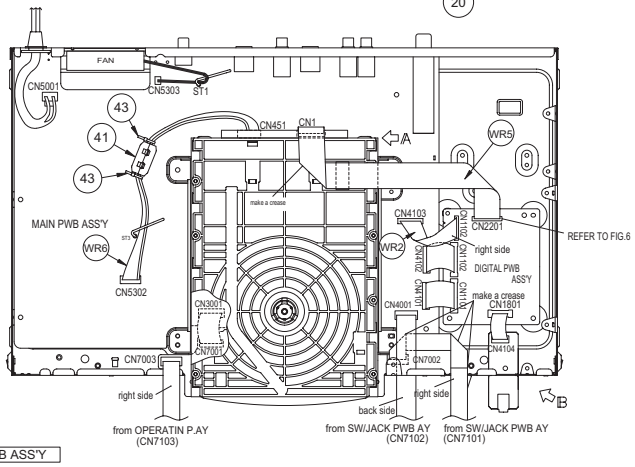
DVD mechanism assembly and parts list ---------- 3-4
Electrical parts list ---------- 3-6
Packing materials and accessories parts list ---------- 3-16

Exploded view of general assembly and parts list

Block No.M1MM





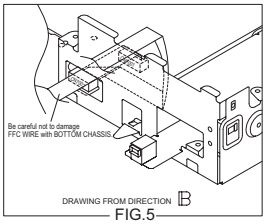


FIG.5

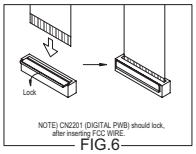


FIG.6

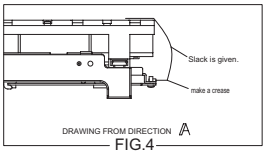


FIG.4

FRONT PANEL SUB ASS'Y

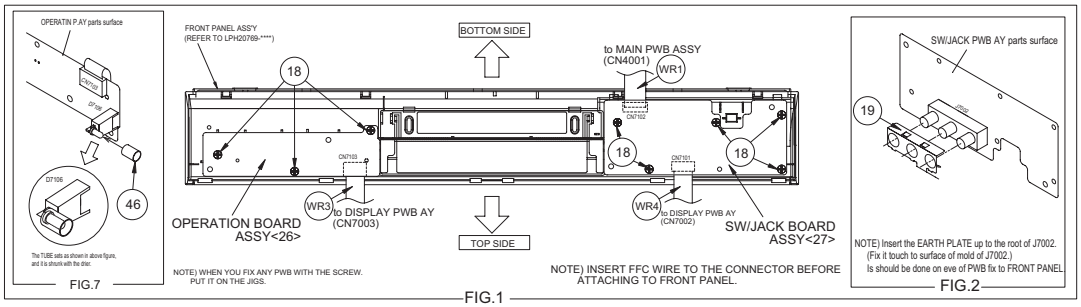


FIG.1

FIG.7

FIG.2

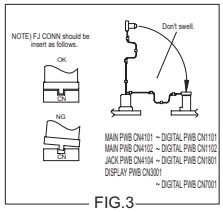


FIG.3

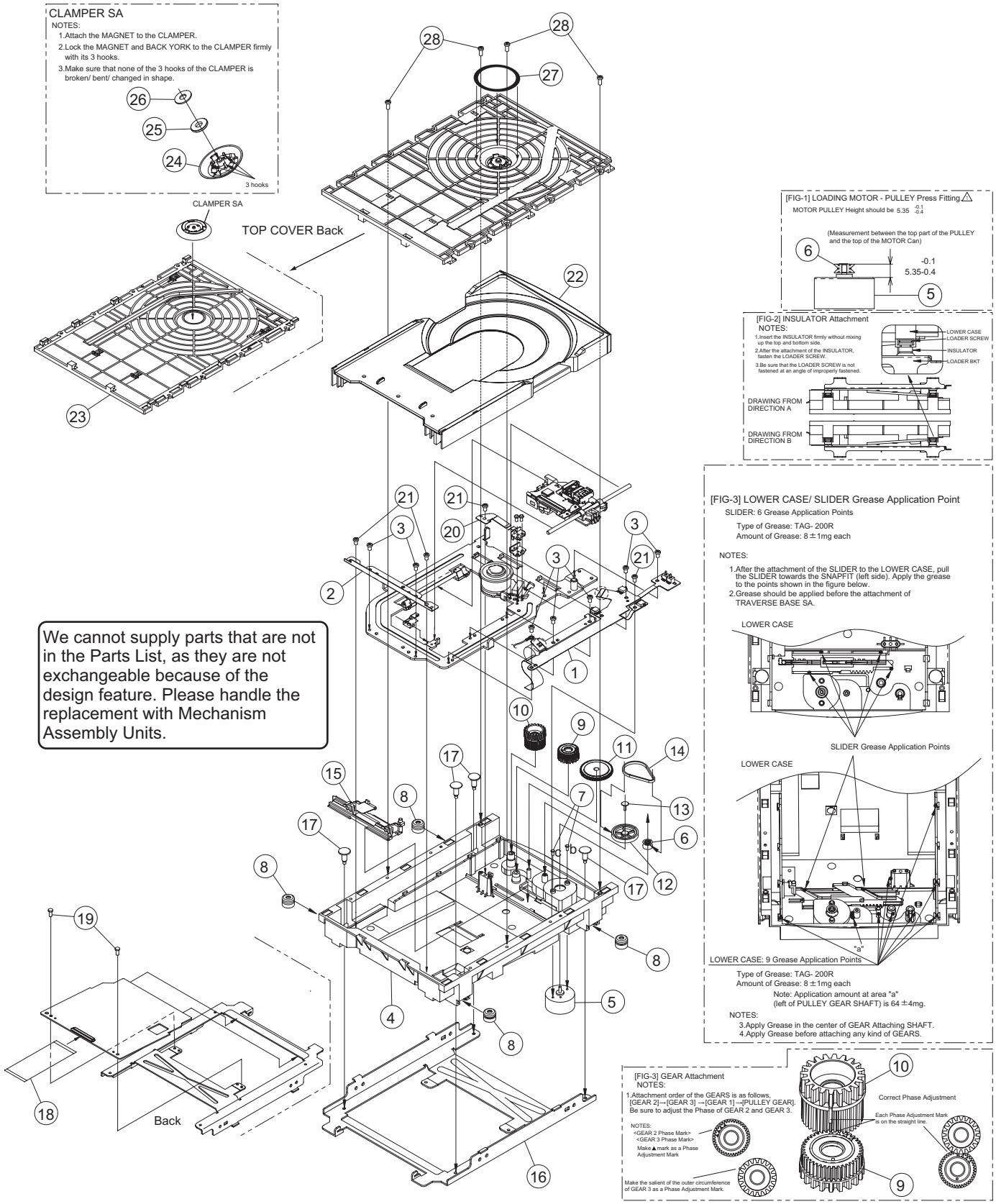
General assembly

Block No. [M][1][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ 1	LP10581-003B	FRONT PANEL		
2	LP21350-001B	P.BUTTON(L)		
3	LP21351-001B	P.BUTTON(R)		
4	LP21352-001A	P.BUTTON(EJ)		
5	LP31477-001A	REMOTE LENS		
6	LP31474-001A	WINDOW SCREEN		
7	LP21376-001B	LID		
8	LP21355-001B	LENS		
9	QYSDSF2005ZA	TAP SCREW	FOR LENS(x3)	
10	LP21353-004A	DOOR(R)		EK
10	LP21353-003A	DOOR(R)		EF,EL,ER,EU,EY,EZ
11	LP41219-001B	SPRING		
12	QZW0020-001	LATCH		
13	GN40020-002A	JVC MARK		
14	LP30002-0K1A	SPACER	(x2)	
⚠ 15	LP21361-002A	TOP COVER	(SERVICE)	
16	QYSDSGY3006RA	TAP SCREW	TOP SIDE(x4)	
17	QYSDSGY3006RA	TAP SCREW	TOP REAR(x5)	
18	QYSDSF2608ZA	TAP SCREW	FRONT PWB(x8)	
19	LP31514-001B	EARTH PLATE	FRONT JACK	
20	QYSSST3006ZA	TAP SCREW	F.P BOTTOM(x2)	
⚠ 21	LP10578-001A	BOTTOM CHASSIS		
⚠ 22	LP31140-001A	FAMILY SHEET		
⚠ 23	LP21362-007B	REAR PANEL		EL,EU,EY,EZ
⚠ 23	LP21362-014B	REAR PANEL		ER
⚠ 23	LP21362-008B	REAR PANEL		EK
⚠ 23	LP21362-023A	REAR PANEL		EF
24	QYSDSF3008MA	TAP SCREW	FAN(x2)	
25	QAR0349-001	COOLING FAN		
26	LP30002-0K1A	SPACER	FOOT(x2)	
⚠ 27	LP31485-001A	PROTECT SHEET		
28	QYSDSG3008ZA	TAP SCREW	SIDE(x2)	
29	LP31480-001A	DVD BKT(L)		
30	LP31481-001A	DVD BKT(R)		
31	QYSBSGG3006ZA	TAP SCREW	DRIVE(x4)	
32	QYSBSGG3006ZA	TAP SCREW	DVD BKT(x4)	
33	QYSBSGG3006ZA	TAP SCREW	MAIN PWB(x6)	
34	QYSBSGG3006ZA	TAP SCREW	DIGI PWB(x4)	
35	QYSBSGG3006ZA	TAP SCREW	FL PWB(x2)	
36	QYSBSGG3006ZA	TAP SCREW	DV PWB	
37	QYSBSGY3008MA	TAP SCREW	JACK(x7)	
38	QYSBST3004MA	TAP SCREW	TUNER	
⚠ 39	QMPK340-170-JC	POWER CORD	1.7m BLACK	EF,EL,ER,EU,EY,EZ
⚠ 39	QMP51K0-170-K	POWER CORD	1.7m BLACK	EK
40	QQR0491-001	FERRITE CORE	AC CODE	
41	QQR0917-001	CORE FILTER	DVD REG	
42	LP41256-001A	GASKET	TOP COVER(x2)	
43	QZW0004-001	WIRE CLAMP	(x2)	
44	PMD0118A-CS	DVD MECHANISM ASSY		
45	LV44381-001A	BARRIER		
46	LP41267-001A	SHRINK TUBE	FOR LED	
47	LP31547-001A	SHIELD PLATE		ER,EZ
48	LP41107-002A	GASKET	TUNER	ER,EZ
WR1	QUQ112-1112CG-E	FFC WIRE	MAIN CN4001-F.SW CN7102	
WR2	QUQ210-1510CJ-E	FFC WIRE	DIGI CN1102-MAIN CN4103	
WR3	QUQ112-1009CG-E	FFC WIRE	F.OP CN7103-F.FDP CN7003	
WR4	QUQ112-1016CG-E	FFC WIRE	F.OP CN7101-F.FDP CN7002	
WR5	QUQ105-4030AH-E	FFC WIRE	DRIVE CN1-DIGI CN2201	
WR6	QJJ015-071912-E	SIN CR C-C WIRE	DRIVE CN451-MAIN CN5302	

DVD mechanism assembly and parts list

Block No.M2MM



DVD mechanism

Block No. [M][2][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	QAL0496-001	FPC		
2	LP41195-001A	BASE HOLDER		
3	QYSDSP2604ZA	SCREW	M2.6 x 4mm(x7)	
4	LP10566-001A	LOWER CASE		
5	QAR0352-001	LOADING MOTOR		
6	LP41183-001A	MOTOR PULLEY		
7	LP41117-001A	SCREW	(x2)	
8	LP31204-001A	INSULATOR	(x4)	
9	LP41186-001A	GEAR 2		
10	LP41187-001A	GEAR 3		
11	LP41185-001A	GEAR 1		
12	LP41184-001A	PULLEY GEAR		
13	LP41042-001A	SCREW		
14	LP41015-001A	BELT		
15	LP21329-001A	SLIDER		
16	LP21349-001A	LOADER BKT		
17	LP41225-001A	LOADER SCREW	(x4)	
18	LP41269-001A	FFC WIRE		
19	QYSDST2606ZA	TAP SCREW	F.END PWB(x2)	
20	LP41194-001A	BASE SPRING		
21	QYSDSF2606ZA	TAP SCREW	M2.6 x 6mm(x4)	
22	LP10570-001B	TRAY	NON-CRTG	
23	LP10565-001A	TOP COVER		
24	LP31447-001A	CLAMPER		
25	QQR1441-001	P.C.MAGNET		
26	LP41188-001A	BACK YOKE		
27	LP41203-001A	COVER SHEET		
28	QYSDSF2606ZA	TAP SCREW	TOP COVER(x4)	

Electrical parts list

Main board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10284-03B1	MAIN BOARD ASSY		EF
PW1	LPA10284-02B1	MAIN BOARD ASSY		EK
PW1	LPA10284-01B1	MAIN BOARD ASSY		EL,ER,EU,EY,EZ
IC3001	MN101D10GDC	IC(MCU)	MASK	
IC3002	IC-PST3425U-X	IC		
IC3004	LPN0965-003C-33	IC(EEPROM)	*(REFER TO BELOW)	EF
IC3004	LPN0965-002C-32	IC(EEPROM)	*(REFER TO BELOW)	EK
IC3004	LPN0965-001C-31	IC(EEPROM)	*(REFER TO BELOW)	EL,ER,EU,EY,EZ
IC4001	BH7623KS2	IC		
IC4201	LC74793-E	IC		
IC4202	MM1504XN-X	IC		
IC5101	STR-G6653-F9	IC		
IC5301	TL431/A/-T	IC		
IC5301 or	MM1431AT-T	IC		
IC5301 or	UTCTL431-T	IC		
IC5303	MM1689BH-X	IC		
IC5304	RT9167A-18PS-X	IC		
IC5307	MM1662GH-X	IC		
IC5308	MM1665AH-X	IC		
IC5309	PQ5EV3	IC		
IC7301	BH7868FS-X	IC		
IC7302	MM1508XN-X	IC		
IC7303	TC74HC4053AF-XE	IC		
IC7303 or	CD74HC4053NS-X	IC		
IC7304	MM1503XN-X	IC		
IC7305	MM1501XN-X	IC		
IC8001	AK5366VQ-W	IC		
IC8201	AK4385VT-X	IC		
IC8201 or	AK4385ET-X	IC		
IC8202	RC4558D-X	IC		
IC8301	LA7151-E	IC		
IC8302	LA7151-E	IC		
IC8303	RC4558D-X	IC		
IC8501	SN74LV08APW-X	IC		
Q3004	2SD601A/QRS/-X	TRANSISTOR		
Q3004 or	2SC2412K/QRS/-X	TRANSISTOR		
Q3004 or	2SC3928A/QRS/-X	TRANSISTOR		
Q3005	UN2211-X	TRANSISTOR		
Q3005 or	DTC114EKA-X	DIGI TRANSISTOR		
Q3005 or	RT1N141C-X	DIGI TRANSISTOR		
Q3007	UN221E-X	TRANSTSTOR		
Q3007 or	DTC144WKA-X	DIGI TRANSISTOR		
Q3007 or	RT1N44HC-X	DIGI TRANSISTOR		
Q4001	2SB709A/QR/-X	TRANSISTOR		
Q4001 or	2SA1037AK/QR/-X	TRANSISTOR		
Q4001 or	2SA1530A/QR/-X	TRANSISTOR		
Q4101	2SD2144S/UV/-T	TRANSISTOR		
Q4101 or	2SC3576-JVC-T	TRANSISTOR		
Q4201	2SD601A/QRS/-X	TRANSISTOR		
Q4201 or	2SC2412K/QRS/-X	TRANSISTOR		
Q4201 or	2SC3928A/QRS/-X	TRANSISTOR		
Q5301	2SC3576-JVC-T	TRANSISTOR		
Q5301 or	2SD2144S/UV/-T	TRANSISTOR		
Q5302	UN2111-X	TRANSISTOR		
Q5302 or	DTA114EKA-X	DIGI TRANSISTOR		
Q5302 or	RT1P141C-X	DIGI TRANSISTOR		
Q5303	UN2211-X	TRANSISTOR		
Q5303 or	DTC114EKA-X	DIGI TRANSISTOR		
Q5303 or	RT1N141C-X	DIGI TRANSISTOR		
Q5304	2SA1585S/QR/-T	TRANSISTOR		
Q5305	UN2211-X	TRANSISTOR		
Q5305 or	DTC114EKA-X	DIGI TRANSISTOR		
Q5305 or	RT1N141C-X	DIGI TRANSISTOR		
Q5306	2SA1585S/QR/-T	TRANSISTOR		
Q5308	UN2111-X	TRANSISTOR		
Q5308 or	DTA114EKA-X	DIGI TRANSISTOR		
Q5308 or	RT1P141C-X	DIGI TRANSISTOR		
Q5309	UN2211-X	TRANSISTOR		
Q5309 or	DTC114EKA-X	DIGI TRANSISTOR		
Q5309 or	RT1N141C-X	DIGI TRANSISTOR		
Q5310	2SD1858/QR/-T	TRANSISTOR		
Q5312	UN2211-X	TRANSISTOR		
Q5312 or	DTC114EKA-X	DIGI TRANSISTOR		
Q5312 or	RT1N141C-X	DIGI TRANSISTOR		
Q5313	2SD601A/QRS/-X	TRANSISTOR		
Q5313 or	2SC2412K/QRS/-X	TRANSISTOR		
Q5313 or	2SC3928A/QRS/-X	TRANSISTOR		
Q5314	UN2111-X	TRANSISTOR		
Q5314 or	DTA114EKA-X	DIGI TRANSISTOR		
Q5314 or	RT1P141C-X	DIGI TRANSISTOR		
Q5315	UN2211-X	TRANSISTOR		
Q5315 or	DTC114EKA-X	DIGI TRANSISTOR		
Q5315 or	RT1N141C-X	DIGI TRANSISTOR		
Q5316	2SC3576-JVC-T	TRANSISTOR		
Q5316 or	2SD2144S/UV/-T	TRANSISTOR		
Q6030	2SB709A/QR/-X	TRANSISTOR		
Q6030 or	2SA1037AK/QR/-X	TRANSISTOR		
Q6030 or	2SA1530A/QR/-X	TRANSISTOR		
Q7301	2SD601A/QRS/-X	TRANSISTOR		
Q7301 or	2SC2412K/QRS/-X	TRANSISTOR		
Q7301 or	2SC3928A/QRS/-X	TRANSISTOR		
Q7302	2SD601A/QRS/-X	TRANSISTOR		
Q7302 or	2SC2412K/QRS/-X	TRANSISTOR		
Q7302 or	2SC3928A/QRS/-X	TRANSISTOR		
Q7310	2SB709A/QR/-X	TRANSISTOR		
Q7310 or	2SA1037AK/QR/-X	TRANSISTOR		
Q7310 or	2SA1530A/QR/-X	TRANSISTOR		
Q7311	2SB709A/QR/-X	TRANSISTOR		
Q7311 or	2SA1037AK/QR/-X	TRANSISTOR		
Q7311 or	2SA1530A/QR/-X	TRANSISTOR		
Q7312	UN221E-X	TRANSTSTOR		
Q7312 or	DTC144WKA-X	DIGI TRANSISTOR		
Q7312 or	RT1N44HC-X	DIGI TRANSISTOR		
Q7313	UN221E-X	TRANSTSTOR		
Q7313 or	DTC144WKA-X	DIGI TRANSISTOR		
Q7313 or	RT1N44HC-X	DIGI TRANSISTOR		
Q7314	UN221E-X	TRANSTSTOR		
Q7314 or	DTC144WKA-X	DIGI TRANSISTOR		
Q7314 or	RT1N44HC-X	DIGI TRANSISTOR		
Q7315	UN2215-X	TRANSISTOR		
Q7315 or	DTC114TKA-X	TRANSISTOR		
Q7315 or	RT1N140C-X	DIGI TRANSISTOR		
Q7316	2SB709A/QR/-X	TRANSISTOR		
Q7316 or	2SA1037AK/QR/-X	TRANSISTOR		
Q7316 or	2SA1530A/QR/-X	TRANSISTOR		
Q7317	2SB709A/QR/-X	TRANSISTOR		
Q7317 or	2SA1037AK/QR/-X	TRANSISTOR		
Q7317 or	2SA1530A/QR/-X	TRANSISTOR		
Q7321	UN221E-X	TRANSTSTOR		
Q7321 or	DTC144WKA-X	DIGI TRANSISTOR		
Q7321 or	RT1N44HC-X	DIGI TRANSISTOR		
Q8201	UN221E-X	TRANSTSTOR		
Q8201 or	DTC144WKA-X	DIGI TRANSISTOR		
Q8201 or	RT1N44HC-X	DIGI TRANSISTOR		
Q8202	UN211E-X	DIGI TRANSISTOR		
Q8202 or	DTA144WKA-X	TRANSISTOR		
Q8202 or	RT1P44HC-X	DIGI TRANSISTOR		
Q8203	2SC2412K/QRS/-X	TRANSISTOR		
Q8203 or	2SD601A/QRS/-X	TRANSISTOR		
Q8203 or	2SC3928A/QRS/-X	TRANSISTOR		
Q8205	2SC2412K/QRS/-X	TRANSISTOR		
Q8205 or	2SD601A/QRS/-X	TRANSISTOR		
Q8205 or	2SC3928A/QRS/-X	TRANSISTOR		
Q8301	2SC2412K/QRS/-X	TRANSISTOR		
Q8301 or	2SD601A/QRS/-X	TRANSISTOR		
Q8301 or	2SC3928A/QRS/-X	TRANSISTOR		
Q8302	2SC2412K/QRS/-X	TRANSISTOR		
Q8302 or	2SD601A/QRS/-X	TRANSISTOR		
Q8302 or	2SC3928A/QRS/-X	TRANSISTOR		
D3002	1SS133-T2	DIODE		
D3002 or	1SS270A-T2	SI DIODE		
D3003	MTZJ39C-T2	Z DIODE		
D3004	10EDB20-T2	SI DIODE		

After exchanging EEPROMs, a main part does not correspond to some remote control commands at Jig RCU mode. Please cancel the Jig RCU mode of a main part after exchanging EEPROMs. Please refer to the "Canceling JIG mode" about the release method.

⚠ Symbol No.	Part No.	Part Name	Description	Local
D3005	10EDB20-T2	SI DIODE		
D3008	1SS355-X	SI DIODE		
D3008	or MA111-X	SI DIODE		
D4001	DA204U-X	SI DIODE		
D4002	DA204U-X	SI DIODE		
D5001	D3SBA60	DIODE		
D5101	SARS01-T2	SI DIODE		
D5103	AU01Z-T2	FR DIODE		
D5103	or 10ERB20-T2	FR DIODE		
D5104	1SS133-T2	SI DIODE		
D5104	or 1SS270A-T2	SI DIODE		
D5105	AU01Z-T2	FR DIODE		
D5105	or 10ERB40-T2	FR DIODE		
D5106	AU01Z-T2	FR DIODE		
D5106	or 10ERB20-T2	FR DIODE		
D5201	AU01Z-T2	FR DIODE		
D5201	or 10ERB20-T2	FR DIODE		
D5202	AU01Z-T2	FR DIODE		
D5202	or 10ERB20-T2	FR DIODE		
D5204	RL2Z-LFB2	FR DIODE		
D5205	RK34-LFB2	SB DIODE		
D5206	RK34-LFB2	SB DIODE		
D5207	AU01Z-T2	FR DIODE		
D5207	or 10ERB20-T2	FR DIODE		
D5208	RK14-LFB2	SB DIODE		
D5210	RK34-LFB2	SB DIODE		
D5211	AU01Z-T2	FR DIODE		
D5211	or 10ERB20-T2	FR DIODE		
D5212	RL2Z-LFB2	FR DIODE		
D5213	RK34-LFB2	SB DIODE		
D5214	RK34-LFB2	SB DIODE		
D5301	MTZJ15C-T2	Z DIODE		
D5302	1SS133-T2	SI DIODE		
D5302	or 1SS270A-T2	SI DIODE		
D5303	MTZJ27C-T2	Z DIODE		
D5304	RK34-LFB2	SB DIODE		
D5305	RK34-LFB2	SB DIODE		
D5306	RK34-LFB2	SB DIODE		
D5307	AW04-T2	SB DIODE		
D5308	10EDB20-T2	SI DIODE		
D5309	MTZJ5.6C-T2	Z DIODE		
D5310	10EDB20-T2	SI DIODE		
D5311	AW04-T2	SB DIODE		
D5312	10EDB20-T2	SI DIODE		
D5313	10EDB20-T2	SI DIODE		
D5314	10EDB20-T2	SI DIODE		
D5315	MTZJ12B-T2	Z DIODE		
D5318	AW04-T2	SB DIODE		
D5320	AW04-T2	SB DIODE		
D6002	HZ30-2L-T2	Z DIODE		
D7304	1SS133-T2	SI DIODE		
D8001	MA8030/H/-X	Z DIODE		
D8001	or UDZS3.0B-X	Z DIODE		
⚠ PC5101	PS2581AL1/QW/	PHOTO COUPLER		
C3001	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3011	QETL0JM-478	E CAPACITOR	4700uF 6.3V M	
C3020	QERF1CM-106Z	E CAPACITOR	10uF 16V M	
C3021	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C3024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3029	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3030	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C3031	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C3032	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C3033	QAT3725-300Z	TRIM CAPACITOR	30pF TIMER CLOCK	EL,ER,EU,EY,EZ
C3034	NDC31HJ-220X	C CAPACITOR	22pF 50V J	EF,EK
C3035	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3039	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3040	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C3041	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3042	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4001	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4003	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4005	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4007	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C4010	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4011	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4013	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C4014	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4017	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4019	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4021	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M	
C4022	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4023	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4025	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4026	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4028	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4030	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C4036	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C4042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4044	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C4047	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4065	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C4109	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C4110	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C4201	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M	
C4202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4203	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4204	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4205	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C4206	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C4207	NCB31CK-563X	C CAPACITOR	0.056uF 16V K	
C4208	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4209	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
C4210	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M	
C4216	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4217	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4218	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
⚠ C5001	QFZ9075-683	MPP CAPACITOR	0.068uF AC275V M	
⚠ C5002	QFZ9075-223	MPP CAPACITOR	0.022uF AC275V M	
C5003	QEZ0374-107	E CAPACITOR	100uF 400V M	
⚠ C5004	QCZ9079-222	C CAPACITOR	2200pF AC250V M	
C5102	QCZ0349-472Z	C CAPACITOR	4700pF 1kV K	
C5103	QEZ0619-276Z	E CAPACITOR	27uF	
C5104	QCZ0136-471Z	C CAPACITOR	470pF 1kV K	
C5105	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	
C5106	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5107	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C5201	QEZ0562-227Z	E CAPACITOR	220uF 6.3V M	
C5202	QEZ0620-186Z	E CAPACITOR	18uF	
C5204	QEZ0701-128	E CAPACITOR	1200uF	
C5205	QEZ0564-278	E CAPACITOR	2700uF 10V M	
C5206	QEZ0564-128	E CAPACITOR	1200uF 10V M	
C5207	QETN2AM-475Z	E CAPACITOR	4.7uF 100V M	
C5208	QEZ0564-128	E CAPACITOR	1200uF 10V M	
C5209	QEZ0564-278	E CAPACITOR	2700uF 10V M	
C5210	QEZ0620-186Z	E CAPACITOR	18uF	
C5301	QFVF1HJ-154Z	MF CAPACITOR	0.15uF 50V J	
C5302	QFLC1HJ-333Z	M CAPACITOR	0.033uF 50V J	
C5304	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5305	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5306	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5307	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5308	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5310	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5311	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5312	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5313	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5314	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C5315	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C5316	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5326	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5327	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C5332	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C5333	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5334	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5335	NCB21AK-105X	C CAPACITOR	1uF 10V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C5336	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5342	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C5343	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5344	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5351	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	
C6012	QETJ1AM-227Z	E CAPACITOR	220uF 10V M	EF
C6013	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6037	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	EF
C6831	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6832	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C7301	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7303	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7304	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7305	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7306	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7307	QEKJ0JM-226Z	E CAPACITOR	22uF 6.3V M	
C7308	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7309	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7310	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7311	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7312	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7313	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7314	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7315	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C7316	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7317	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7318	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7319	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7326	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7327	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7330	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7331	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7332	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7333	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7336	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7340	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7345	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7346	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C7347	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C7350	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7352	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7353	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7363	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7364	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7365	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7366	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7367	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7368	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C7369	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C7371	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7372	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C7388	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7390	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C8005	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8007	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8008	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8009	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8010	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8011	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8012	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8014	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8021	QERF1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8022	QERF1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8023	QERF0JM-107Z	E CAPACITOR	100uF 6.3V M	
C8024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8025	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8027	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C8028	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8029	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8202	QETJ0JM-477Z	E CAPACITOR	470uF 6.3V M	
C8203	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C8204	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C8205	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C8206	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C8207	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C8208	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C8209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8210	QETJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8211	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8212	QETJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8215	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C8217	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C8301	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8303	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8304	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8305	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8306	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8307	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8308	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8311	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8312	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8313	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8314	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8315	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8316	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8317	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8318	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C8321	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8323	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8501	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C8502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8503	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8504	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C8505	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3005	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3014	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3015	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3016	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3017	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3018	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3026	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3027	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3031	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3032	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3045	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3049	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3050	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3062	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3065	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3067	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R3068	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3076	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3083	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3084	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R3087	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3088	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3090	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3092	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3207	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R3209	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3213	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R3214	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R3218	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3219	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3221	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3222	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3223	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3225	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3226	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3231	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3232	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3233	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4017	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4020	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R4021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4105	NRSA02J-105X	MG RESISTOR	1MΩ 1/10W J	
R4203	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4206	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4210	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4211	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R4215	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4216	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4217	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R4314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5101	QRG02GJ-683	OMF RESISTOR	68kΩ 2W J	
R5102	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R5103	QRE141J-684Y	C RESISTOR	680kΩ 1/4W J	
R5104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5105	QRE141J-820Y	C RESISTOR	82Ω 1/4W J	
R5106	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R5107	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R5108	QRT01DJ-R33X	MF RESISTOR	0.33Ω 1W J	
⚠ R5109	QRZ9005-470X	FUSI RESISTOR	47Ω 1/4W G	
R5301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R5302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R5303	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R5304	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D	
R5305	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R5306	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
⚠ R5307	QRZ9005-470X	FUSI RESISTOR	47Ω 1/4W G	
R5308	QRE141J-271Y	C RESISTOR	270Ω 1/4W J	
R5309	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R5310	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5311	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R5314	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R5315	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R5318	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R5319	QRE141J-150Y	C RESISTOR	15Ω 1/4W J	
R5320	QRE123J-121X	C RESISTOR	120Ω 1/2W J	
R5321	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5323	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5336	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R5337	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5341	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5343	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6030	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6032	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	EF
R6033	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	EF
R6080	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7301	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7303	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R7304	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7305	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R7309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7311	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J	
R7312	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7318	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7319	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7320	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7335	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7336	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7337	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7339	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7340	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7341	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7342	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7343	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7344	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7345	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7346	NRSA63D-680X	MG RESISTOR	68Ω 1/16W D	
R7347	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R7348	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7349	QRE121J-331Y	C RESISTOR	330Ω 1/2W J	
R7350	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7351	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7352	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7353	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7354	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7355	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7356	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7357	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7358	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7359	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7360	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7361	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7362	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7366	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7367	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7368	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7378	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R8001	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R8002	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R8007	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8013	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8014	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8015	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8016	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8017	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8019	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8020	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8021	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8022	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8023	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8024	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R8026	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8031	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8032	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R8033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8034	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8035	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8036	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8037	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8038	QRE141J-151Y	C RESISTOR	150Ω 1/4W J	
R8040	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R8042	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R8044	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R8045	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R8201	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8202	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8204	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8205	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8206	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R8211	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R8212	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R8213	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8214	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8215	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R8216	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R8217	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R8218	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D	
R8219	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8220	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8221	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R8222	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D	
R8223	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8224	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8233	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8234	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8241	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8242	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R8244	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R8249	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8250	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R8252	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R8301	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8302	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8303	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R8304	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8305	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R8306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R8307	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8308	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R8310	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8313	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8315	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R8316	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R8321	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8322	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8324	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R8325	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8326	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R8501	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8502	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8503	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8504	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R8505	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8506	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8507	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
L3001	QQL231J-R22Y	COIL	0.22uH J	
L4001	QQL29BJ-100Z	P COIL	10uH J	
L4002	QQL29BJ-100Z	P COIL	10uH J	
L4005	QQL29BJ-100Z	P COIL	10uH J	
L4201	QQL29BJ-100Z	P COIL	10uH J	
L5202	QQL26AK-330Z	COIL	33uH K	
L5203	QQL26AK-330Z	COIL	33uH K	
L5204	QQL26AK-330Z	COIL	33uH K	
L5205	QQL26AK-330Z	COIL	33uH K	
L5206	QQL26AK-330Z	COIL	33uH K	
L6002	QQL29BK-1R0Z	P COIL	1uH K	
L6003	QQL29BK-1R0Z	P COIL	1uH K	
L6005	QQL231J-5R6Y	COIL	5.6uH J	
L6701	QQL29BJ-3R3Z	P COIL	3.3uH J	
L7302	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L7303	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L7305	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L7306	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L7311	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L7312	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
L7325	QQL071J-6R8Y	COIL	6.8uH J	
L8501	QQL071J-1R0Y	COIL	1uH J	
⚠ T5001	QQS0333-001	SW TRANSF		
B5503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B5504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B7309	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B7311	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B7315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B7319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B7337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B7339	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B8003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
CN3001	QGB1231M1-13	CONNECTOR	DISPLAY	
CN3901	QGF1207C1-08	CONNECTOR	FOR FLASH	
CN4001	QGF1207C1-11	CONNECTOR	FRONT IN	
CN4101	QGB1231M1-15	CONNECTOR	DIGITAL	
CN4102	QGB1231M1-15	CONNECTOR	DIGITAL	
CN4103	QGF1016C3-15	CONNECTOR	1-15PIN	
⚠ CN5001	QGA7901C3-02	CONNECTOR	AC_IN	
CN5302	QGA2001C1-07	CONNECTOR	DVD JVC	
CN5303	QGA2001C1-02	CONNECTOR	FAN	
⚠ F5001	QMF5AE2-1R6-J1	FUSE	1.6A AC250V	
FC5001	QNG0020-001Z	FUSE CLIP		
FC5002	QNG0020-001Z	FUSE CLIP		
GN1	QNZ0136-001Z	EARTH PLATE		
GN2	QNZ0136-001Z	EARTH PLATE		
GN3	QNZ0136-001Z	EARTH PLATE		
GN4	QNZ0136-001Z	EARTH PLATE		
GN5	QNZ0136-001Z	EARTH PLATE		
HS1	QZW0155-001	HEAT SINK	FOR IC5101	EF,EK,EL,ER,EU,EY
J7301	QNZ0516-001	RGB CONNECTOR		
J7302	QNZ0516-001	RGB CONNECTOR		
J7304	QNN0701-001	PIN JACK	AUDIO OUT	
J7309	QNN0700-001	PIN JACK	SIKISA	
J8501	QNN0347-001	SURROUND JACK	COAX	
K8501	NQR0227-004X	FERRITE BEADS		
⚠ LF5001	QQR1031-001	LINE FILTER		
ST3	QZW0007-001	POST PIN		
ST5	QZW0007-001	POST PIN		
TU6001	QAU0402-002	TUNER	EF TUNER	EF
TU6001	QAU0401-001	TUNER	RF CONV LE	EK,EL,ER,EU,EY,EZ
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W29	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W30	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W31	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W32	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W33	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W34	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W35	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W36	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W38	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W39	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W40	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W41	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W42	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W43	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W44	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W45	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W46	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W47	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W48	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W49	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W50	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W51	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W52	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W53	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W54	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
WR1	QUB460-07A1A1-E	SIN TWIST WIRE		
X3001	QAX0728-001	CRYSTAL	14.318180MHz	
X3002	QAX0444-001	CRYSTAL	32.768kHz	EF,EK
X3002	QAX0445-001	CRYSTAL	32.768kHz	EL,ER,EU,EY
X4201	QAX0849-001	CRYSTAL		
OT1	QYTDST3008ZA	TAP SCREW	FOR IC5101	

Demodulator board

Block No. [1][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10292-02A	DEMOD BOARD ASSY		EF
PW1	LPA10292-01A	DEMOD BOARD ASSY		EK,EL,ER,EU,EY,EZ
IC6701	MSP3417GQGB8V3X	IC		
D6701	1SS133-T2	SI DIODE		
D6701 or	1SS270A-T2	SI DIODE		
C6704	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	EF
C6704	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	EK,EL,ER,EU,EY,EZ
C6707	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6708	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C6709	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C6713	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	EF
C6713	NCF31CZ-334X	C CAPACITOR	0.33uF 16V Z	EK,EL,ER,EU,EY,EZ
C6714	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6716	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6719	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C6720	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C6721	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6723	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6724	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	EF
R6707	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R6708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6709	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6710	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6711	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6712	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6713	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R6714	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6715	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R6716	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R6719	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R6720	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6721	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
B6701	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B6702	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B6703	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
CN6701	QGG2502K1-10	CONNECTOR	(1-10)	
K6701	NQR0129-003X	FERRITE BEADS		
K6702	NQR0129-003X	FERRITE BEADS		
K6705	NQR0129-003X	FERRITE BEADS		
K6706	NQR0129-003X	FERRITE BEADS		
K6707	NQR0129-003X	FERRITE BEADS		EF
K6708	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6701	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X6701	QAX0773-001Z	CRYSTAL	18.432000MHz	
OT1	LP40425-001A	BRACKET(PWB)		

Operation board

Block No. [2][6]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-02B3	OPERATION P.AY		
IC7101	GP1UM281XKVF	IR DETECT UNIT		
IC7101 or	PNA4652M00XB	IR DETECT UNIT 38kHz		
Q7101	2SC1740S/QRS/-T	TRANSISTOR		
Q7101 or	KTC3199/YG/-T	TRANSISTOR		
D7101	1SS133-T2	SI DIODE		
D7101 or	1SS270A-T2	SI DIODE		
D7105	1SS133-T2	SI DIODE		
D7105 or	1SS270A-T2	SI DIODE		
D7106	SDPB3DC0/Z1/	LED	BLUE LIGHT	
C7101	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
R7104	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R7105	QRE141J-182Y	C RESISTOR	1.8kΩ 1/4W J	
R7106	QRE141J-270Y	C RESISTOR	27Ω 1/4W J	
CN7103	QGF1208F1-10	CONNECTOR	FFC/FPC (1-10)	
S7101	QSW0381-001Z	TACT SWITCH	OPERATION	
OT1	LP31478-001A	LED HOLDER	FOR D7106	

Switch/Jack board

Block No. [2][7]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-02B2	SW/JACK BOARD ASSY		
D7113	1SS133-T2	SI DIODE		
D7113 or	1SS270A-T2	SI DIODE		
D7114	1SS133-T2	SI DIODE		
D7114 or	1SS270A-T2	SI DIODE		
D7115	1SS133-T2	SI DIODE		
D7115 or	1SS270A-T2	SI DIODE		
D7116	1SS133-T2	SI DIODE		
D7116 or	1SS270A-T2	SI DIODE		
D7117	1SS133-T2	SI DIODE		
D7117 or	1SS270A-T2	SI DIODE		
C7152	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C7154	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
R7151	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R7152	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R7153	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R7154	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7155	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
CN7101	QGF1207C1-10	CONNECTOR	FFC/FPC (1-10)	
CN7102	QGF1207C1-11	CONNECTOR	FFC/FPC (1-11)	
J7001	QND0084-001	S JACK		
J7002	QNN0364-002	PIN JACK		
S7112	QSW0381-001Z	TACT SWITCH	CH+/UP	
S7113	QSW0381-001Z	TACT SWITCH	CH-/DOWN	
S7114	QSW0381-001Z	TACT SWITCH	RIGHT/PLAY	
S7115	QSW0381-001Z	TACT SWITCH	LEFT/STOP	
S7132	QSW0381-001Z	TACT SWITCH	OPEN/CLOSE	
S7135	QSW0381-001Z	TACT SWITCH	OK/REC	

Display board

Block No. [2][8]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10281-02B1	DISPLAY BOARD ASSY		
IC7001	PT6315	IC		
D7021	MTZJ9.1B-T2	Z DIODE		
C7001	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7002	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7003	QEKJ1HM-106Z	E CAPACITOR	10uF 50V M	
C7007	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7008	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M	
C7010	QCFB1HZ-473Y	C CAPACITOR	0.047uF 50V Z	
C7011	QCFB1HZ-473Y	C CAPACITOR	0.047uF 50V Z	
R7001	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7002	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7003	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R7005	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R7006	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R7007	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R7009	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7010	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7013	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R7014	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R7015	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
CN7001	QGB1231L1-13	CONNECTOR	B-B (1-13)	
CN7002	QGF1208F1-10	CONNECTOR	FFC/FPC (1-10)	
CN7003	QGF1207C1-10	CONNECTOR	FFC/FPC (1-10)	
DI7001	QLF0159-001	FL TUBE		
HD1	LP21359-001A	FL HOLDER(L)		
HD2	LP21360-001A	FL HOLDER(U)		

Jack board

Block No. [3][6]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10284-03B2	DV JACK BOARD ASSY		EF
PW1	LPA10284-02B2	DV JACK BOARD ASSY		EK
PW1	LPA10284-01B2	DV JACK BOARD ASSY		EL,ER,EU,EY,EZ
B4121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B4122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B4123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B4124	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
CN4104	QGB1231M1-09	CONNECTOR	DIGITAL	
GN4101	QNZ0136-001Z	EARTH PLATE		
J4112	QNZ0675-001	D CONNECTOR	F-DV	

Digital board

Block No. [5][0]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10289-04B	DIGITAL BOARD ASSY		ER
PW1	LPA10289-03C	DIGITAL BOARD ASSY		EF,EK,EL,EU,EY,EZ
IC1201	LPN0979-001A	IC(FLASH)	(SERVICE)	ER
IC1201	LPN0967-001A	IC(FLASH)	(SERVICE)	EF,EK,EL,EU,EY,EZ
IC1202	SN74LVC373APW-X	IC(DIGITAL)		
IC1203	SN74LVC373APW-X	IC(DIGITAL)		
IC1401	DMN8602-B0	IC(DIGITAL)		
IC1404	SN74HCT08APW-X	IC		
IC1601	HY5DU561622DT-J	IC		
IC1601 or	NT5DS16M16CS-6K	IC		
IC1601 or	K4H561638F-UCB3	IC		
IC1602	HY5DU561622DT-J	IC		
IC1602 or	NT5DS16M16CS-6K	IC		
IC1602 or	K4H561638F-UCB3	IC		
IC1701	BD3533F-X	IC		
IC1801	TSB41AB2PAP	IC		
IC1901	TVP5150AM1PBS-W	IC		
Q1901	2SA1530A/QR/-X	TRANSISTOR		
Q1901 or	2SB709A/QR/-X	TRANSISTOR		
Q1901 or	2SA1037AK/QR/-X	TRANSISTOR		
Q1903	2SC3928A/QRS/-X	TRANSISTOR		
Q1903 or	2SD601A/QRS/-X	TRANSISTOR		
Q1903 or	2SC2412K/QRS/-X	TRANSISTOR		
D1401	MA111-X	SI DIODE		
D1401 or	1SS355-X	SI DIODE		
D1402	MA111-X	SI DIODE		
D1402 or	1SS355-X	SI DIODE		
C1101	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1102	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1103	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1104	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1105	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1108	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1109	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1110	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1111	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
C1112	NEX60GM-337X	E CAPACITOR	330uF 4V M	
C1113	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
C1116	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1117	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1118	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1119	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1120	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1121	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1122	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1123	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1124	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1125	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1126	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1127	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1204	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1210	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1419	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1420	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1422	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1423	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1424	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1425	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1427	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1428	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1429	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1434	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1435	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1436	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1437	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1438	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1442	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1444	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1445	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1447	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1448	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1452	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1453	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1455	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1457	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1459	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1460	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1461	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1462	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1605	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1606	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1607	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1608	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1609	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1610	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1611	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1612	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1613	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1616	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1618	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1619	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1620	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1621	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1622	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1623	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1624	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1626	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1627	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1642	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1646	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1652	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1654	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1656	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1658	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1701	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1702	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1704	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1705	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1706	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1801	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1802	NDC31HJ-271X	C CAPACITOR	270pF 50V J	
C1803	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1804	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1805	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1807	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1808	NDC31HJ-7R0X	C CAPACITOR	7pF 50V J	
C1809	NDC31HJ-7R0X	C CAPACITOR	7pF 50V J	
C1810	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1811	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1812	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1813	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1901	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1902	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1903	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1904	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1905	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	
C1906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1907	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1909	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1910	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1911	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1912	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1913	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1914	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1915	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1918	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
R1216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1222	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1223	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1225	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1229	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1230	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1401	NRSA63F-1181X	MG RESISTOR	1.18kΩ 1/16W F	
R1403	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1408	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1410	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1412	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1413	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1415	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1430	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1431	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1433	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1434	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1435	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1436	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1439	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1440	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1443	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1445	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1446	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1447	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1448	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1449	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1456	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1462	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1465	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1467	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1469	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1470	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1472	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1473	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1474	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1475	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1476	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1478	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1480	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1481	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1483	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1485	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R1486	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R1487	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R1488	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R1489	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R1490	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R1491	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1494	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1495	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1499	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1601	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1602	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1603	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1604	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1605	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1606	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1607	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1608	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1609	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1611	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1612	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1613	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1614	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1620	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1624	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1626	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1629	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1630	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1631	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1632	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1642	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1701	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1801	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1802	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1804	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1807	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1810	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	
R1813	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1814	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1815	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1816	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1817	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R1818	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D	
R1819	NRSA63D-751X	MG RESISTOR	750Ω 1/16W D	
R1820	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1821	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1824	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1825	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1901	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R1902	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1905	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1906	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1907	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1909	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1910	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1913	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1914	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R1915	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2202	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2204	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2205	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2206	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2207	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2208	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2209	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2210	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2211	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
RA1609	NRZ0087-330W	NET RESISTOR	33Ω	
RA1610	NRZ0087-330W	NET RESISTOR	33Ω	
RA1611	NRZ0087-330W	NET RESISTOR	33Ω	
RA1612	NRZ0087-330W	NET RESISTOR	33Ω	
RA1613	NRZ0087-330W	NET RESISTOR	33Ω	
RA1614	NRZ0087-330W	NET RESISTOR	33Ω	
RA1615	NRZ0087-330W	NET RESISTOR	33Ω	
RA1616	NRZ0087-330W	NET RESISTOR	33Ω	
RA1617	NRZ0087-101W	NET RESISTOR	100Ω	
RA1618	NRZ0087-101W	NET RESISTOR	100Ω	
RA1619	NRZ0087-101W	NET RESISTOR	100Ω	
RA1620	NRZ0087-101W	NET RESISTOR	100Ω	
RA1621	NRZ0087-101W	NET RESISTOR	100Ω	
RA1622	NRZ0087-101W	NET RESISTOR	100Ω	
RA1623	NRZ0087-101W	NET RESISTOR	100Ω	
RA1624	NRZ0087-101W	NET RESISTOR	100Ω	
RA1625	NRZ0087-330W	NET RESISTOR	33Ω	
RA1626	NRZ0087-330W	NET RESISTOR	33Ω	
RA1627	NRZ0087-330W	NET RESISTOR	33Ω	
RA1628	NRZ0087-330W	NET RESISTOR	33Ω	
RA1629	NRZ0087-101W	NET RESISTOR	100Ω	
RA1630	NRZ0087-101W	NET RESISTOR	100Ω	
RA1631	NRZ0087-101W	NET RESISTOR	100Ω	
RA1632	NRZ0087-101W	NET RESISTOR	100Ω	
RA1633	NRZ0087-101W	NET RESISTOR	100Ω	
RA1634	NRZ0087-330W	NET RESISTOR	33Ω	
RA1635	NRZ0087-330W	NET RESISTOR	33Ω	
RA1801	NRZ0087-103W	NET RESISTOR	10kΩ	
RA1802	NRZ0087-103W	NET RESISTOR	10kΩ	
RA1803	NRZ0087-101W	NET RESISTOR	100Ω	
RA1804	NRZ0087-101W	NET RESISTOR	100Ω	
RA1901	NRZ0087-101W	NET RESISTOR	100Ω	
RA1902	NRZ0087-101W	NET RESISTOR	100Ω	

⚠ Symbol No.	Part No.	Part Name	Description	Local
RA2208	NRZ0087-330W	NET RESISTOR	33Ω	
RA2209	NRZ0087-330W	NET RESISTOR	33Ω	
RA2210	NRZ0087-330W	NET RESISTOR	33Ω	
RA2211	NRZ0087-330W	NET RESISTOR	33Ω	
RA2212	NRZ0087-330W	NET RESISTOR	33Ω	
L1901	NQL085J-1R8X	COIL	1.8uH J	
B1204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
B1702	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	EF,EK,ER,EU,EY,EZ
CN1101	QGB1231L2-15W	CONNECTOR	FJ 15PIN	
CN1102	QGB1231L2-15W	CONNECTOR	FJ 15PIN	
CN1103	QGF1016C2-15W	CONNECTOR	1-15	
CN1402	QGA2001C6-04X	CONNECTOR	CPRM	
CN1403	QGF1016C2-04W	CONNECTOR	LOG	
CN1801	QGB1231L2-09W	CONNECTOR	FJ 9PIN	
CN2201	QGF0550C1-40W	CONNECTOR	F/T F_END	
GN1101	QNZ0136-001Z	EARTH PLATE		
GN1102	QNZ0136-001Z	EARTH PLATE		
GN1103	QNZ0136-001Z	EARTH PLATE		
GN1104	QNZ0136-001Z	EARTH PLATE		
HS1	QZW0155-001	HEAT SINK	FOR IC5101	EZ
K1101	NQR0022-002X	FERRITE BEADS		
K1102	NQR0022-002X	FERRITE BEADS		
K1103	NQR0022-002X	FERRITE BEADS		
K1104	NQR0022-002X	FERRITE BEADS		
K1108	NQR0022-002X	FERRITE BEADS		
K1110	NQR0022-002X	FERRITE BEADS		
K1112	NQR0022-005X	FERRITE BEADS		
K1113	NQR0022-005X	FERRITE BEADS		
K1114	NQR0022-005X	FERRITE BEADS		
K1115	NQR0022-005X	FERRITE BEADS		
K1116	NQR0022-005X	FERRITE BEADS		
K1117	NQR0022-005X	FERRITE BEADS		
K1118	NQR0022-005X	FERRITE BEADS		
K1119	NQR0022-005X	FERRITE BEADS		
K1120	NQR0022-005X	FERRITE BEADS		
K1121	NQR0022-005X	FERRITE BEADS		
K1122	NQR0022-005X	FERRITE BEADS		
K1123	NQR0022-005X	FERRITE BEADS		
K1126	NQR0022-002X	FERRITE BEADS		
K1127	NQR0022-002X	FERRITE BEADS		
K1128	NQR0022-002X	FERRITE BEADS		
K1129	NQR0022-002X	FERRITE BEADS		
K1130	NQR0022-002X	FERRITE BEADS		
K1131	NQR0022-002X	FERRITE BEADS		
K1201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1401	NQR0022-002X	FERRITE BEADS		
K1402	NQR0022-002X	FERRITE BEADS		
K1403	NQR0022-002X	FERRITE BEADS		
K1404	NQR0022-002X	FERRITE BEADS		
K1406	NQR0022-002X	FERRITE BEADS		
K1408	NQR0022-002X	FERRITE BEADS		
K1801	NQR0022-002X	FERRITE BEADS		
K1802	NQR0022-002X	FERRITE BEADS		
K1901	NQR0022-002X	FERRITE BEADS		
K1902	NQR0022-002X	FERRITE BEADS		
K2201	NQR0022-002X	FERRITE BEADS		
K2202	NQR0022-002X	FERRITE BEADS		
K2203	NQR0022-002X	FERRITE BEADS		
K2204	NQR0022-002X	FERRITE BEADS		
K2205	NQR0022-002X	FERRITE BEADS		
K2206	NQR0022-002X	FERRITE BEADS		
K2207	NQR0022-002X	FERRITE BEADS		
K2208	NQR0022-002X	FERRITE BEADS		
K2209	NQR0022-002X	FERRITE BEADS		
K2210	NQR0022-002X	FERRITE BEADS		
K2211	NQR0022-002X	FERRITE BEADS		
K2212	NQR0022-002X	FERRITE BEADS		
K2213	NQR0022-002X	FERRITE BEADS		
K2214	NQR0022-002X	FERRITE BEADS		
K2215	NQR0022-002X	FERRITE BEADS		
K2216	NQR0022-002X	FERRITE BEADS		
K2217	NQR0022-002X	FERRITE BEADS		
K2218	NQR0022-002X	FERRITE BEADS		
K2219	NQR0022-002X	FERRITE BEADS		
K2220	NQR0022-002X	FERRITE BEADS		
K2221	NQR0022-002X	FERRITE BEADS		
LC1101	NQR0512-008X	EMI FILTER		
LC1102	NQR0512-008X	EMI FILTER		
LC1103	NQR0512-008X	EMI FILTER		
LF1801	NQR0568-005X	CHOKE COIL		
X1401	NAX0768-001X	CRYSTAL		
X1801	NAX0773-001X	CRYSTAL		
X1901	NAX0733-001X	CRYSTAL		
X3002	QAX0445-001	CRYSTAL	32.768kHz	EZ

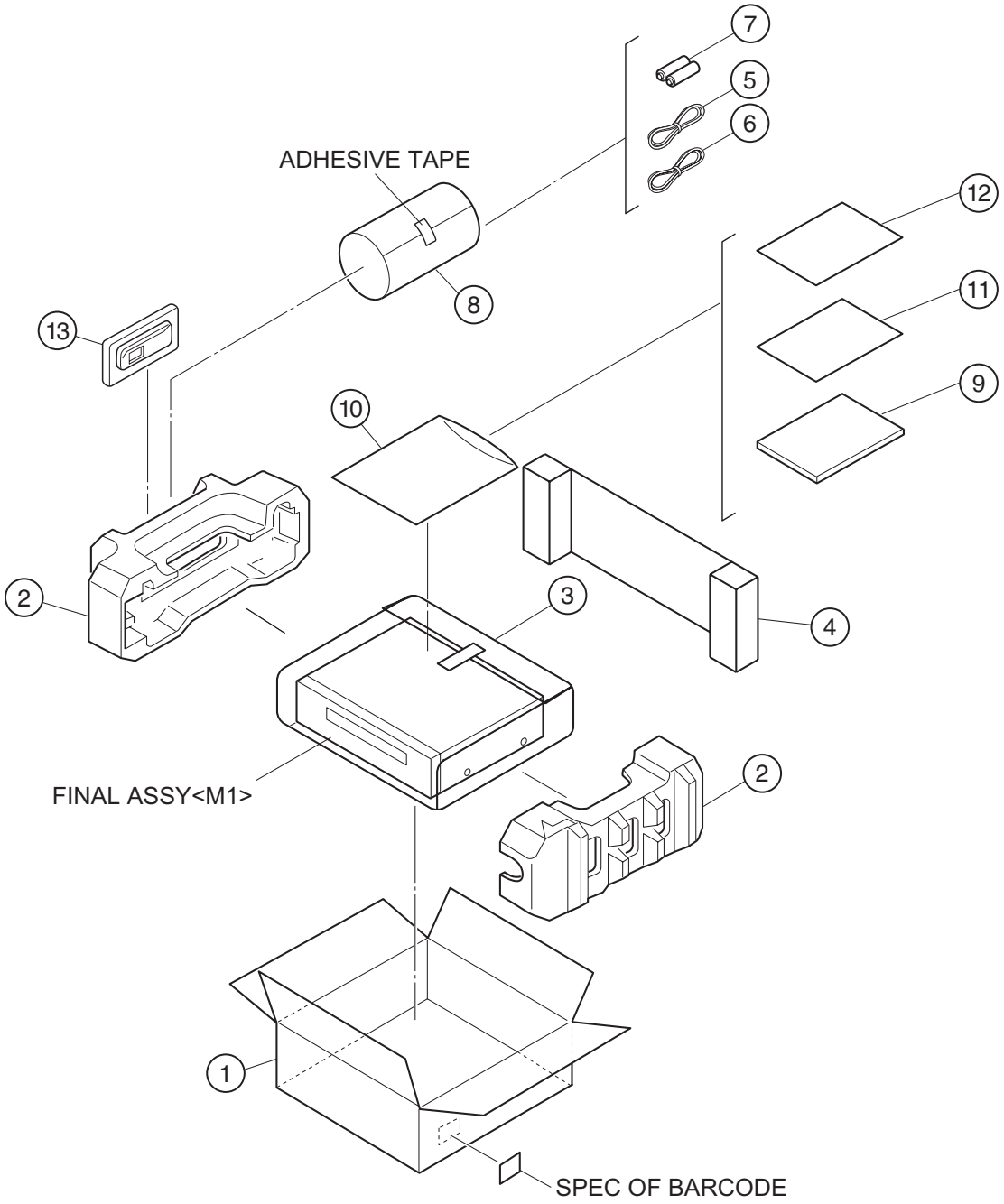
RGB_YC converter board

Block No. [6][8]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10291-01A	RGB_YC BOARD ASSY		
IC4401	BH7236AF-X	IC		
IC4402	MM1503XN-X	IC		
IC4403	74HC4538D-X	IC		
IC4404	BA7666FS-X	IC		
D4401	RB717F-X	SB DIODE		
C4401	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C4403	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4404	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4405	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4406	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4407	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C4409	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4410	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C4411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4412	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4413	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4417	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4418	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C4419	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4420	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C4421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4422	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4423	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4424	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R4401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4402	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R4403	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4404	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4405	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4411	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J	
R4412	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4413	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R4414	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R4415	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4416	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4417	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4418	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4419	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4420	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN4402	QGG2502K1-12	CONNECTOR	(1-12)	
OT1	LP40425-001A	BRACKET(PWB)		

Packing materials and accessories parts list

Block No.M3MM



Packing and accessories

Block No. [M][3][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	LP31492-004A	PACKING CASE		EF
1	LP31508-001A	PACKING CASE		EK
1	LP31492-005A	PACKING CASE		ER
1	LP31492-003A	PACKING CASE		EL,EU,EY,EZ
2	LP31494-001B	CUSHION ASSY		
3	QPC06005515P	POLY BAG	60cm x 55cm	
4	LP31399-003A	SHEET ASSY		EK
5	QAM0525-002	RF CABLE		
6	QAM0502-002	PERI CABLE		
7	----------	BATTERY	R6TYP(x2)	
8	QPC02202230P	POLY BAG	ACCESSORY	
⚠ 9	LPT1025-001B	INST BOOK	FRENCH	EF
⚠ 9	LPT1024-001B	INST BOOK	ENGLISH	EK
⚠ 9	LPT1023-004B	INST BOOK	SPANISH	EL
⚠ 9	LPT1023-010B	INST BOOK	PORTUGUESE	EL
⚠ 9	LPT1026-001A	INST BOOK	RUSSIAN	ER
⚠ 9	LPT1023-001B	INST BOOK	GERMANY	EU
⚠ 9	LPT1023-002B	INST BOOK	FRENCH	EU
⚠ 9	LPT1023-003B	INST BOOK	DUTCH	EU
⚠ 9	LPT1023-005B	INST BOOK	ITALIAN	EU
⚠ 9	LPT1023-006B	INST BOOK	DANISH	EY
⚠ 9	LPT1023-007B	INST BOOK	FINNISH	EY
⚠ 9	LPT1023-008B	INST BOOK	SWEDISH	EY
⚠ 9	LPT1023-009B	INST BOOK	NORWEGIAN	EY
⚠ 9	LPT1023-011B	INST BOOK	CZECH	EZ
⚠ 9	LPT1023-012B	INST BOOK	POLISH	EZ
⚠ 9	LPT1023-013B	INST BOOK	HUNGARIAN	EZ
10	QPC02503530P	POLY BAG	INST	
11	LYT0194-001B	Q.CARD		EK
12	----------	WARRANTY CARD	BT-54026-1	
13	RM-SDR028E	REMOCON UNIT		